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NAVLET'S

1885

FIFTIETH BIRTHDAY

1935

# GARDEN GUIDE AND CATALOG



COSMOS EARLY KLONDYKE  
"ORANGE FLARE"

**CHAS. C. NAVLET CO. INC.**

FIFTY YEARS OF SERVICE

**NURSEYMEN ♦ SEEDSMEN ♦ FLORISTS**

MAIL ADDRESS: SAN JOSE, CALIF., 20-22 EAST SAN FERNANDO ST.  
SAN FRANCISCO, 423-27 MARKET ST. » OAKLAND, 471—12th ST.

**NURSERIES**

SAN FRANCISCO MAIN HIGHWAY BETWEEN SANTA CLARA AND SUNNYVALE  
497 PREVOST STREET, SAN JOSE

SPECIAL OFFERS

All are Postpaid within 4th Zone.

CARNATION BARGAIN

We grow only the best named varieties of Carnations and it is from these that we select a well balanced range of colors to make up these groups.

6 strong plants 75c 12 strong plants \$1.25

GERMAN (Bearded) IRIS SPECIAL

The list of fine Iris contained in this Catalog is but a small part of the wonderful sorts we grow. These are all named sorts, our selection, unlabeled to give a garden display of superb beauty.

12 strong rhizomes \$1.00

STAR SHRUB BARGAIN

It may be difficult to associate in ones mind, a small shrub in a 2 1/2 -inch pot with a mature shrub of large proportions. But shrubs are no different from other plants, they have their start and it is these promising shrubs that we offer in this bargain. We grow our own shrubs, therefore we have them in all sizes. These are the size shrubs other nurseries buy to grow on. Space them plenty far apart to allow for expansion in growth.

Select any 12 shrubs listed in pages 16 to 21 marked with a star (\*) for \$2.00

CHRYSANTHEMUM OFFER

Our list of Chrysanthemums this year is larger than ever. The assortment is representative in every way. The gardener who wants a start, or the gardener who can never have enough of these satisfactory garden flowers, will be pleased at this group of assorted colors and types, our selection.

12 rooted cuttings \$1.25

GOLD MEDAL SWEET PEA COLLECTION—Each of these has received the highest honor a Sweet Pea can achieve, therefore it is truly a World's Best Collection. One packet each of All Bright, Ambition, Chieftain, Lady Ruffles, Magnet, Mrs. A. Searles, Olympia. —55c

GOLDEN ANNIVERSARY ROSE BARGAIN

Check the description of these Beauties in the Rose Pages 2 to 5. And, kindly note they are all our own growing, sturdy, two-year-old, budded field stock, unprocessed or treated. It is only because we are Rose Growers that such an offer is possible. Autumn, Ariel, Cuba, Dame Edith Helen, Golden Emblem, Hadley, Miss Rowena Thom, Hoosier Beauty, Souv. de Mme. Boullet, Talisman, Ville de Paris, and, one Paul's Scarlet Climber. (Each rose labeled). ALL FOR \$3.50

DAHLIA COLLECTION

Our selection of named sorts, unlabeled, from our choice group of Dahlia Varieties. This collection is made up only from the large-flowered sorts, and is bound to please. Healthy, firm, tubers.

6 choice varieties \$1.50 12 choice varieties \$2.50

POMPON DAHLIA COLLECTION

Our selection of named sorts, with the best possible color range. Pompons are always sure to please. Healthy, firm, tubers.

6 choice varieties \$1.25 12 choice varieties \$2.00

WILD FLOWER SEED COLLECTION

One packet each of the following nine (Described in the Flower Seed Listings): Abronia (Sand Verbena), Bartonian (Blazing Star), Clarkia, Eschscholtzia (Cal. Golden Poppy), Gilia (Bird's Eyes), Godetia (Farewell to Spring), Layia (Tidy Tips), Nemophila (Baby Blue Eye), Phacelia (Calif. Blue Bells). 70c

NEW RUFFLED SWEET PEA COLLECTION—This new type has taken the world by storm. Blooms show a ruffling, doubling and frilling of both standard and wings, making them appear almost double. One packet each of Lady Ruffles, Ruffled Carmine, Ruffled Primrose, Ruffled Orchid, Ruffled Rose.—75c

A FEW GARDEN BOOKS OF SPECIAL INTEREST  
(We solicit your inquiries for other Garden Volumes)

GARDEN FLOWERS IN COLOR. By G. A. Stevens  
For the first time, a large collection of the most popular garden flowers is reproduced in large, full-color photographs, alphabetically arranged and accompanied by brief descriptions and cultural notes. An index of vernacular names makes it simple to locate or identify any flower. 310 pages. 400 color illustrations. 6 1/4 x 9 1/4 inches; red cloth. \$3.75

HORTUS. By L. H. and Ethel Z. Bailey.  
Easy to use, accurate, and non-technical, this great, concise dictionary of gardening, comes closer than any other single volume to answering every question about gardening. Common names are used throughout. Formerly \$10.00, now \$5.00

THE HOME GARDEN HANDBOOKS. By F. F. Rockwell  
A series of pocket-size books, now nine in number that it is a pleasure to recommend because each volume covers its ground so well and concisely, in about 90 pages with from 30 to 70 illustrations. The titles are:  
Rock Gardens Gladiolus Evergreens  
Dahlias Roses Shrubs  
Irises Peonies Lawns  
Strong cloth binding. Price \$1.25 ea.

HOW TO GROW ROSES. By Robert Pyle and others.  
Every step in successful rose culture is made clear in this "how to do it" book. Gives practical advice on every point the home gardener wants to know. Pests, Pruning, Planting, Preparation of Soil, Selection of Varieties, etc. 138 illustrations (45 in color) 211 pages \$2.00

1001 GARDEN QUESTIONS ANSWERED.  
By Alfred C. Hottes.  
A unique guide book of garden operations answered thoroughly and in an easily understood manner covering over 1000 questions on flowers, fruits, trees, shrubs, lawns, etc., in fact, every phase of home gardening. Well illustrated; 287 pages \$2.00

THE ROCK GARDEN. By Louise Beebe Wilder.  
Tells just how to plan and build the rock garden, suggests and describes the best plants for various uses and situations, tells where to put them and how to make them thrive, gives color schemes, etc. 216 pages. Full illustrated \$1.50

GARDENING IN CALIFORNIA. By Sydney B. Mitchell.  
The Amateur's Garden Bible, indispensable to Pacific Coast Gardeners. The book is complete in every respect, giving all the information necessary to have a garden in flower twelve months in the year. The book is well illustrated \$2.50

FROM A SUNSET GARDEN. By Sydney B. Mitchell.  
A new book, not a revision of Gardening in California. Chapters on the Treatment of Banks and Shady Places, Daffodils, Tulips, Spring Flowering Bulbs, Dahlias, Gladiolus, Irises, Lilies, Rock Plants, Delphiniums, Perennials, Geraniums and Pelargoniums, Azaleas and Rhododendrons, etc. \$3.00

## WHEN YOU PLACE YOUR ORDER

*Please read these suggestions. We make every effort to fill your order exactly as specified.*

### WRITE NAME & ADDRESS PLAINLY

Many delays occur because of insufficient address. Print or write your name carefully, then give street address or R.F.D. route, city or town, county and State.

### NON-WARRANTY

We exercise due care in selecting our seed, plants, bulbs and trees, but we give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter on any merchandise we sell, and we cannot be responsible in any way for the crop.

If the purchaser does not accept the goods on these terms, they are at once to be returned.

### EARLY ORDERING APPRECIATED

If you can anticipate your needs, and place your order early, we will appreciate it. We handle a tremendous volume of mail order business during the planting seasons. By ordering early you get extra special attention.

### HOW TO SEND MONEY

Amounts of \$1.00 or less may be sent in stamps, preferably in two and three cent denominations.

If you send currency or silver, be sure to send by registered mail.

Postoffice or Express Money Orders or Bank Drafts are equally satisfactory, and need not be registered. If you send a Cashier's Check or Bank Draft drawn by your home-town bank, have it made payable to yourself and then endorse on the back "Payable to Chas. C. Navlet Co." This will help to avoid possibility of error, and give us a record of whom the check is from.

### SAFE ARRIVAL ASSURED

We hold ourselves responsible for the safe arrival of goods in first-class condition. Our packing is in the hands of experts. If the goods do not arrive in first-class condition, kindly return them with the wrapper, at our expense and the order will be immediately refilled.

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### Sales Tax

NOTE, For California Sales: Less than 15c, no tax; 15c to 59c, 1c; 60c to \$1.05, 2c; \$1.06 to \$1.49, 3c; \$1.50 to \$1.90, 4c; and 1 cent for each 40 cents additional.

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### Visitors Welcome

Our nursery where we grow thousands upon thousands of shrubs and roses, is located on the main San Francisco Highway, 1½ miles south of Sunnyvale. Open Sundays. Our San Jose Greenhouses and Salesyard are located at 491 Prevost St.

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### TIMELY GARDEN TIPS — TUNE IN!

Broadcast by Arthur E. Navlet every Wednesday, 1:00 P. M. to 1:15 P. M. over KLX (880 Kcy.)

You will hear everyday garden problems.



SHOWING A SECTION OF OUR NURSERY SALESYARD

ROSES

CLASSIFICATION

- Cher. (Cherokee) Climbers, very glossy evergreen foliage, mainly single flowered. Often used for hedges if trained on wire.
- HT (Hybrid Tea) Perpetual bloomer, with delicate blending of colors, vigor and great hardiness. Many have Tea scent very strongly.
- HP (Hybrid Perpetual) Hardy, very resistant to cold. Growth vigorous and upright, with long, unbranched canes. Stems long; flowers borne erect; foliage rough; fragrance very distinct.
- Pern. (Pernetiana) Very recent class; result of cross between Persian Yellow and Hybrid Perpetual. A wonderful group with startling color effects.
- Pol. (Polyantha) Small flowers borne in large clusters. Very rampant growth and bloom only in the Spring.
- DP (Dwarf Polyantha) Low-growing, the flowers in clusters, blooming all Summer.
- T (TEA) Growth is slender and not very vigorous. Foliage very glossy. Bloom continuously. Require considerable pruning, good soil, and proper care, for which this variety will repay you.
- W (Wichuriana) A trailing Rose. Has long pliable shoots which are easily trained. Very hardy and an exceptionally heavy bloomer in the Spring months.

BUSH ROSES

All two year, budded. Grown at our Nursery on the San Francisco Highway 1½ miles South of Sunnyvale.

50c each; 6 for \$2.60; 12 for \$5.00

(2 or more postpaid)

- ARIEL (HT) Bud and flower large, globular, very lasting, semi-double, orange-copper, darker at the outer edge, borne singly on long stem. Very hardy.
- AUTUMN—Medium size, egg-shaped, burnt orange, flower medium size, double fragrant, burnt orange, inside buff and gold, streaked with red. Free bloomer.
- DUCHESS OF YORK (HT) Flowers large, full. Bud deep yellow, opening to a deep shrimp center and gold base.
- E. G. HILL—Massive blooms. Deep maroon, velvety inside. Perfumed old rose.
- ETOILE DE FEU (HT) A very bushy plant. Buds are globular. Flowers cup-shaped. Color orange-salmon. Very resistant to mildew.
- ETOILE DE HOLLANDE (HT) Flowers gigantic, rich velvety crimson produced with great freedom. One of the best reds.



E. G. HILL

EVERY ROSE GUARANTEED TRUE TO NAME, OR YOUR MONEY REFUNDED. If for any reason any Rose should arrive unsatisfactory in quality, return it at our expense and we will promptly refund the purchase cost.

- FEU JOSEPH LOOYMANS (HT) Erect plants with glossy foliage. Long pointed buds of glowing apricot and old gold, opening to large richly tinted yellow blooms.
- GLORIA MUNDI (Poly)—The flowers are of a very brilliant orange-scarlet. Very double and has good lasting qualities. Very beautiful.
- INDEPENDENCE DAY (HT) Buds are sunflower yellow overlaid with orange apricot, with colors blending as buds develop.
- IMPRESS (HT) Beautiful orange-cerise. Good keeper. Blooms fully double. A very showy rose.
- IMPERIAL POTENTATE (HT) One of the finest new pink roses. Very vigorous, free blooming.
- J. C. THORNTON (HT) A very good variety. Flowers are of a glowing-crimson scarlet. Strong grower. Very much admired when grown in the garden.
- MARI DOT (HT) Buds are of a red salmon-yellow. Flowers double, when open the blooms are salmon-pink, with a copper sheen.
- MISS ROWENA THOM (HT) A striking novelty with gigantic blooms of brilliant satiny pink, shaded with orange flame at center. It has met enthusiastic approval of all who have seen it. Will unquestionably gain great popularity.
- NORMAN LAMBERT (HT) A beautiful deep salmon-orange, suffused with bronze and yellow. A very desirable rose and sure to give satisfaction.
- PRESIDENT JAC SMITS (HT) Rich velvety scarlet-crimson; semi-double; brilliant in color. Tall grower. Good for cutting in bud form.
- PRESIDENT HERBERT HOOVER (HT) Vigorous, healthy rigid stems, long pointed buds, blended orange and pink, varying from coppery red in the bud, to glowing orange-yellow at the base of each petal, suffused with vivid rose-pink.
- PADRE (HT) Brilliant coppery-red flushed with yellow at the base. Strong upright grower and exceedingly free flowering.
- ROSLYN—Beautiful new yellow. Large double flowers on long stems. Orange colored bud. Bloom golden yellow, center deeper with orange splashings on back of petals. Lustrous foliage.
- SOUVENIR DE MME. BOULLET (HT) A full deep yellow rose, almost orange in the center of the bud. Buds are long and open into a cup-shaped flower. A very beautiful rose.
- TALISMAN—Brilliant orange-red buds, opening to a large, fragrant, high pointed blooms of golden yellow, stained with copper-red and orange rose on inside petal.

NAVLET'S GOLDEN ANNIVERSARY  
BARGAIN NO. 1

Etoile De Hollande .....	\$ .50
Golden Emblem .....	.35
Autumn .....	.50
Talisman .....	.50
Miss Rowena Thom.....	.50
Gloria Mundi .....	.50

Regular price.....\$2.85

BARGAIN PRICE POSTPAID \$2.35

GROWN IN NAVLET'S EXTENSIVE ROSE FIELDS

THREE SINGLE ROSES

50c each; 3 for \$1.25 Postpaid

- AUSTRIAN COPPER (Hybrid Brier) Single, bright copper-red, reverse of petals golden-yellow. Good bloomer.
- DAINTY BESS (HT) A single bloom, with broad petals. Buds are slender, with rose-salmon buds. When open the color is a pale rose. The stamens are wine colored adding to its attractiveness.
- ISOBEL—Single flower. Rose-pink with apricot shading. Long pointed buds.
- These single Roses are unsurpassed for low-table centerpiece.

These single Roses are unsurpassed for cut Rose bloom table centerpiece.

BUSH ROSES

2-year-old, budded, strong roots, 35c ea.:  
3 for \$1.00; 6 for \$1.85; 12 for \$3.50  
Postpaid. (2 or more Postpaid)

- AMERICAN BEAUTY (HP) Perpetual bloomer. Deep, brilliant rosy-carmine, exquisitely shaded.
- BETTY UPRICHARD (HT) Buds are coppery-red and as the flowers open the outside of the petals is orange-carmine, inside a delicate salmon pink. Semi-double and very fragrant.
- CECILE BRUNNER (DP) The smallest of the roses. Compact, fairy-like, rose-pink flowers, very double and fragrant.
- CHATEAU DE CLOS VOUGEOT (HT) Brilliant scarlet shaded fiery red, changing to dark velvety crimson. Perpetual bloomer. Very double and intensely fragrant.
- CUBA (HT) Produces enormous semi-double blooms of a blazing red-orange. Very showy in the garden. Strong, vigorous plant with excellent foliage.
- DAME EDITH HELEN (HT) Bright pink rose, large and perfectly shaped. Heavily perfumed. Bloom abundantly, with long, strong stems.
- DAZLA (HT) Long-pointed buds; flowers extra large, semi-double, with waving petals of brilliant brownish-orange and a large golden circle around stamens at base. Fine for bedding.



TALISMAN



GOLDEN OPHELIA

- EDWARD MAWLEY (HT) One of the best dark velvety crimson roses. Flowers large and double.
- GENERAL JACQUEMINOT (HT) Flowers are of grand size, rare beauty, and an intense crimson in color.
- GENERAL MacARTHUR (HT) Branches freely. Blooms crimson-scarlet. Every shoot carries a large, double, well formed flower of exquisite fragrance.
- GOLDEN EMBLEM (HT) A beautiful, clear yellow, occasionally flaked with coppery orange on outer petals. Beautifully shaped buds, glossy green foliage.
- GOLDEN OPHELIA (HT) Medium sized flowers. Golden buff in center, lighter on edges of petals.
- GORGEOUS (HT) Deep orange flushed copper-yellow, and heavily veined with reddish copper.
- HADLEY (HT) Deep, velvety crimson flowers, very double, and extremely fragrant. Flowers early in Spring, and blooms profusely. Always popular garden favorite.
- HENRY V. MACHIN (HT) Intense rich scarlet-crimson. Gorgeous large size flowers. Vigorous, strong grower.
- HOOSIER BEAUTY (HT) Dark, rich velvety crimson. Flowers double and pointed. Long stems; heavy bloomer; sweetly scented.
- JULIET (Hybrid Brier) Pretty combination of scarlet, gold and salmon. Blooms best in Spring and late Autumn.
- KAISERIN AUGUSTA VICTORIA (HT) Pure white, very often tinted with cream at the centers. Strong healthy grower.
- LADY HILLINGDON (T) Bright saffron-yellow with coppery orange shades. One of most attractive in its color. Buds long and pointed.
- LA FRANCE (HT) Satiny silver-rose. Very well known, one of the old favorites. Very popular for its fragrance.

NAVLET'S GOLDEN ANNIVERSARY  
BARGAIN NO. 2

Hadley .....	\$ .35
Dazla .....	.35
Dame Edith Helen .....	.35
Ville de Paris.....	.35
Cuba .....	.35
Ariel .....	.50

Regular .....\$2.25

BARGAIN PRICE \$1.90 POSTPAID  
All Two-Year-Old, Budded

ALL OUR ROSES ARE TWO-YEAR OLD ROOTS



LADY MARGARET STEWART

BUSH ROSES (Continued)

35c each; 3 for \$1.00; 6 for \$1.85; 12 for \$3.50 (2 or more Postpaid)

- LADY MARGARET STEWART (HT) Strong, erect, immense copper-orange buds, opening to bright golden yellow.
- LOS ANGELES (HT) Luminous flame pink, toned with coral and shaded with gold at base of the petals. Blooms continuously, with long stemmed flowers.
- MME. ED HERRIOT (HT) or Daily Mail—Long, pointed buds, of a deep coral red shaded with yellow at the base. Opens into a flower of beautiful shade.
- MARGARET McGREDY (HT) Much was expected of Margaret McGredy—she won everywhere with flying colors. Brilliant red petals on hinges of deep gold. Buds upright. Seldom out of bloom.
- MAUD CUMMINGS (HT) Bushy grower, buds long and tapering. Flowers rich peach-pink shaded coral. Heavy bloomer.
- MISS LOLITA ARMOUR (HP) Double, globular blooms of orange-pink shading to coppery-yellow at the base. Very fragrant.
- MME. BUTTERFLY (HT) Sport of Ophelia. Flowers brilliant pink, suffused apricot and gold.
- MRS. CHAS. RUSSELL (HT) Brilliant rosy-carmine, beautiful scarlet center. Blooms large, petals unusual. Stems long and slender, stiff and strong.
- MRS. HENRY BOWLES (HT) Flowers are bright pink with silvery shadings. Bushes branching habit. Large artistic buds.
- MRS. HENRY MORSE (HT) Flowers bright pink with silvery shadings. Buds very attractive. Becoming very popular.
- MRS. HERBERT NASH (HT) Dark red flowers borne on long stems. Good foliage.

NAVLET'S GOLDEN ANNIVERSARY  
BARGAIN NO. 3

Autumn .....	\$ .50
Etoile De Hollande .....	.50
Miss Rowena Thom.....	.50

Regular price.....\$1.50

BARGAIN PRICE \$1.25 POSTPAID

- MRS. LOVELL SWISHER (HT) Immense in size, flowers very heavy and of a pale flesh-pink. Strong erect stems.
- OPHELIA (HT) Salmon flesh shaded rose with chamois center. The buds and flowers are beautifully formed and colored.
- PAUL NEYRON (HP) Beautiful pink that no other rose excels. Immense and superbly formed flowers, very double. Hardy, perpetually in bloom.
- PREMIER (HT) Rose-pink. Fragrant. Stiff, thornless stems; very strong grower and free bloomer.
- RED RADIANCE (HT) Clear cerise-red. Flowers well formed and full. Very large. An exceptional garden variety.
- REV. F. PAGE ROBERTS (HT) Golden yellow stained with copper and reddish buff on the outside.
- SHOT SILK (HT) Orange cerise suffused with gold. Flowers medium size. Free producer, very fragrant.
- SOUV. DE CLAUDIUS PERNET (Pern.) — Large elongated and beautifully formed buds. Clear brilliant yellow, shaded warmer in the center.
- SOUV. DE GEO. PERNET (HT) Stout, branching plants with large, brick-red buds opening to pink flowers of gigantic size.
- THERESA LANDBAD (HT) Robust bush. Flowers striking salmon-pink. Charming in bud.
- ULRICH BRUNNER (HP) Rich, glowing. Large, highly perfumed flowers, globular shaped. Blooms produced on long stems, two or three feet in length. This is one of the most prolific varieties known to the rose world.
- VILLE DE PARIS (HT) Clear sunflower yellow. Long stems, almost thornless. Vigorous erect grower. Glossy reddish green foliage.
- WHITE AMERICAN BEAUTY (HP) This rose is the largest and best white rose grown. It is an extra free grower.

Navlet's Golden Anniversary  
ROSE BARGAIN No. 4

Autumn, Ariel, Cuba, Dame Edith Helen, Dazla, Golden Emblem, Hadley, Miss Rowena Thom, Hoosier Beauty, Mme. Edw. Herriot, Talisman, Ville De Paris.  
All two-year-old, budded roses, including one Paul's Scarlet Climber.

All for \$3.50 Postpaid



SHOT SILK

# NAVLET'S CLIMBERS WILL BLOOM THIS SPRING

## PATENTED ROSES

### Bush and Climber

**BETTER TIMES (HT)** (Plant Patent No. 23)—Large, double, delicately fragrant cerise flowers. Free bloomer, long cutting stems, dark green leathery foliage. \$1.50 each.

**BLAZE (W)** (Plant Patent No. 10)—Sensational ever-blooming scarlet climber. It promises to be a truly everblooming form of Paul's Climber Scarlet. \$1.50 each.

**NIGRETTE (HT)** (Plant Patent No. 87)—Everblooming deliciously fragrant intense deep maroon cup-shaped flowers with blackish velvet sheen. Petals do not burn. \$2.00 each.

**SOUVENIR (HT)** (Plant Patent No. 25)—Bright yellow sport of Talisman. Fine, erect bush, with sturdy stems for cutting. A remarkably fine bedding and cutting rose. \$1.00 each.

**TOKEN (HT)** (Plant Patent No. 95)—A unique full double single toned glowing orange. Free bloomer. Upright habit. Very lasting. Glossy foliage. Disease resistant. \$1.50 each.



CLIMBING MME. ED. HERRIOT

## CLIMBING ROSES

**2-Year-Old-Budded—Will Bloom this Spring. 35c each; 6 for \$1.85; 12 for \$3.50. Guaranteed True to Name. (2 or more, postpaid)**

**AMERICAN PILLAR (H. Wich)** White centered, rosy pink flowers with golden stamens. Large clusters of single blooms.

**BEAUTY OF GLAZENWOOD (San Rafael Banksia)**—Charming combination of copper, crimson and salmon yellow. A grand climber.

**BELLE OF PORTUGAL (H. Gigantea)**—Foliage glossy, buds are truly remarkable, sometimes attaining the length of four inches, soft salmon-pink, and borne usually singly on such long lateral shoots that stems two feet long can often be cut.

**BONFIRE (Poly.)**—A rambler type resembling the Dorothy Perkins in growth. The plants are covered with large clusters of crimson flowers. Blooms early.

**CHEROKEE PINK (Cher.)**—Large single pink flowers. Early bloomer.

**CLIMBING AMERICAN BEAUTY (HT)** Strong, healthy, vigorous grower. Blooms freely with good sized flowers. Color a rich rosy crimson.

**CLIMBING CECILE BRUNNER (Poly.)**—Color rosy-pink, rich creamy white ground.

**CLIMBING GOLDEN EMBLEM (HT)** Flowers identical with those of the bush type. See description of bush variety.

**CLIMBING HADLEY (HT)** Same as the bush Hadley. Beautiful deep velvety crimson, retaining its color all season. Flowers large and full.

**CLIMBING HOOSIER BEAUTY (HT)** Vigorous climber with rich, velvety scarlet blooms.

**CLIMBING HUGH DICKSON (HP)** Color, brilliant crimson, shaded scarlet. Flowers large. Very sweetly scented.

**CLIMBING LOS ANGELES (HT)** A strong, vigorous climber. The glorious flame pink color and the freedom of bloom are just as marked as in the bush.

**CLIMBING MME. ED. HERRIOT (HT)** A climbing rose with the sensational copper colorings of the bush variety. The plant is a true climber, with long, vigorous shoots.

**CLIMBING OPHELIA (HT)** Little lighter in color than the bush Ophelia, being a pinkish cream, but with the same exquisite form of bud.

**CLIMBING PAPA GONTIER (T)** It is a long lived and satisfactory climber, with well formed, cherry red blooms.

**EXCELSA (W)** Known as the Red Dorothy Perkins. A rapid grower, bearing flowers in clusters of a pleasing red shade.

**HIAWATHA (Poly.)**—Canes long and slender, covered with masses of single flowers, suffused with copper when open.

**LADY GAY (Poly.)**—Vigorous growth, graceful in appearance. Delicate soft pink, small flowers, produced in clusters.

**MME. GREGOIRE STAECHELIN (Spanish Beauty) (HT)** The large, moderately fragrant, ruffled flowers of delicate pink, with big, frilled petals stained crimson outside, are like no other variety on earth, and are produced with a lavishness which is astounding. Long, strong stems. Disease-resistant, dark green foliage.

**PAUL'S LEMON PILLAR (HT)** Pale lemon buds and faint sulphur-yellow flowers, double, well formed, and fragrant. Strong growth. Marvelously beautiful, surpassing all white climbers in quality of bloom, also many of white bush roses as a cut flower. Very hardy.

**PAUL'S SCARLET CLIMBER (W)** The flowers of this superb rose are vivid scarlet, shaded with bright scarlet, and are produced in the greatest profusion in large clusters of medium sized semi-double blossoms. This variety surpasses in brilliancy of color any other climbing rose and the flowers remain unusually long in good condition.

**PRIMROSE (HW)** Vigorous climber. Flowers very double, of a canary yellow, borne in clusters.

**RAMONA (Cher.)**—Red single Cherokee. Color, rich carmine overlaid with a lustrous sheen. During the Spring months the plants are literally covered with blooms.

**ROSERIE (Poly.)**—Vigorous grower, bearing large clusters of pink flowers. Popular with Florists for Holiday trade when grown in pots.

**SCORCHER**—Vigorous, hardy. Vermillion flowers.

**SINGLE CHEROKEE (Cher.)**—Large, clear white, single flowers, full of bright yellow stamens in the center.

**SUNBURST (HT)** The flowers are of a rich orange-yellow with touches of golden and coppery-yellow.

**YELLOW CECILE BRUNNER (DP)** Habit of growth and type of flower same as the well-known Cecile Brunner. Color yellow.

## NAVLET'S MAGNIFICENT 'MUMS

## LARGE FLOWERING

15c each

12 for \$1.50, postpaid



WORLD'S FAMOUS TURNER

THE FAMOUS "TURNER QUARTET"  
FAVORITE OF FLORISTS

Colossal in Size—Perfect in Form

20c EACH POSTPAID 75c FOR FOUR POSTPAID

**BRONZE TURNER**—Same characteristic as the other Turners. Large beautiful flowers of an indescribably rich golden bronze hue that never fails to elicit admiration. Long, stiff stems. A true exhibition variety.

**MRS. WM. TURNER (White)**—Measures 10 inches in diameter, ball shaped—keeps 15 days after cutting, with proper care. It is one of the strongest of growers and the flowers are supported on cane-like stems 4 to 5 feet long.

**PINK TURNER**—One of the world's best—It is one of the strongest of growers. Exceptionally large flowers, supported on cane-like stems 4 to 5 feet long. Will last 2 to 3 weeks after cutting in water. Color of a most pleasing pink. Deserves a place in every garden.

**YELLOW TURNER**—A Magnificent Yellow—This superb new Yellow Turner defies description. In size, form and habit resembles the Mrs. Wm. Turner. Instead of being white it is a beautiful bright canary-yellow. The blooms are borne on long strong stems and keep for days without losing their freshness.

**CHRYSOLORA**—Large size, very deep yellow.

**DETROIT NEWS**—An exceptional bronze. Flowers are beautiful. A very good exhibition type.

**EDGAR SAUNDERS**—Deep bronze. Deserves a place in every garden.

**HELEN FRICK**—Late, deep pink, incurved. Good commercial variety.

**JEANNE NONIN**—Fine incurved variety. Flowers white, globular.

**LOUISA POCKETT**—A very pure white—a florist type. Deflexed petals.

**MAJ. BONAFFON**—Rich incurved canary-yellow. Large size. Long stems.

**MARIGOLD**—Monster flowers. Wonderful yellow. Matures early October.

**MRS. WM. DUCKHAM**—Large reflex yellow. One of the old favorites.

**ROSE PERFECTION**—Very rich pink. Exhibition variety.

**WHITE BONAFFON**—Large, incurved, pure white flowers.

**WHITE CHIEFTAIN**—Exhibition type mum—a very waxy white.

**WM. H. WAITE**—A very deep bronze, shading almost to scarlet.

**YELLOW POCKETT**—Light yellow, large reflexed petaled flower. Keeps a long time after being cut.

## POMPON—BUTTON—SINGLE

15c each

12 for \$1.50, postpaid

**BRONZE BUCKINGHAM (Single)**—Bronze. Good keeper.

**CANARY YELLOW (Button)**—Clear canary yellow, in color; very attractive.

**CRANFORD PINK**—Pompon, free bloomer. Glistening pink. Good market type.

**JITSU JETUI**—A pure white Pompon, the petals having a quilled effect. It is a very free bloomer.

**LATE BRONZE**—Late bloomer. One of the best of the Pompon type.

**LILLIAN DOTY**—Beautiful shell-pink, long, graceful sprays. Pompon.

**LITTLE BOB (Button)**—Hardy small yellow flowered button type.

**MAID OF KENT**—White tinted rose, beautiful Pompon.

**MINNESOTA (Single)**—A blood red single 'Mum.

**MISS DOROTHY DENEEN**—Silvery pink—petals semi-quilled. Free bloomer.

**MRS. WM. BUCKINGHAM (Single)**—Lovely salmon pink; very popular.

**ROMAINE WARREN**—Deep orange bronze. Free bloomer. Pompon.

**WHITE BUCKINGHAM (Single)**—A very good single white.

**WINE COLORED (Button)**—Very attractive button type.

**XMAS GOLD**—Grown very extensively for the florists. Rich gold. Pompon.

## DAHLIAS

All Prices Listed are Postpaid

NAVLET'S DECORATIVE DAHLIAS  
ALL LARGE FLOWERED VARIETIES

- A. L. KORAN**—Immense golden yellow with a slight wave in each petal. Excellent stems. 50c each.
- AMUN RA**—Exhibition variety, gorgeous shades of copper and orange, shading to gold and amber. 50c each.
- ANDY GUMP**—Bright red flower on fine stems. Very free flowering. 50c each.
- BARBARA WARE**—Creamy white, suffused and overlaid soft violet rose. \$1.00 each.
- BIG BEN**—(Show or Ball type). One of the largest rich raspberry reds. 50c each.
- CHAMPAGNE**—Flowers a burnished copper, golden champagne and chamois color. 50c each.
- DWIGHT W. MORROW**—Giant, deep crimson red. Very spectacular. A consistent winner. \$1.00 each.
- EL CAMINO REAL**—Really an exceptional flower deep velvety crimson. 50c each.
- ELINOR VANDERVEER**—Immense rose pink. Stems very long and strong. 50c each.
- FORDHOOK EMPEROR**—Impressive flower of tawny shade of copper red flushed with gold, salmon and orange, with tints of mauve on reverse. \$1.00 each.
- FULL MOON**—A superlative, immense canary yellow. Regularly formed blooms easily 12 inches across. \$3.00 each.
- JANE COWL**—One of the sensations of the New York show. Immense glistening bronzy buff and old gold. Strong stems, free blooming and excellent for cutting and show purposes. 50c each.
- JERSEY BEACON**—Bright scarlet, with a buff reflex. Very large. 50c each.
- KATHLEEN NORRIS**—True rose pink, deepening later to mellow pink with lighter center petals. Strong, stiff stems. \$1.00 each.
- MRS. ALFRED B. SEAL**—Beautiful old rose. Flowers huge. Strong bushes, long stems. \$1.00 each.
- MRS. I. DE VER WARNER**—Long stiff stems; deep mauve pink or orchid color. 50c each.
- NANAQUARKET**—Immense bloom, beautiful orchid-pink. Flowers grow from 10 to 12 inches. 75c each.
- PRIDE OF CALIFORNIA**—Giant on long, strong stems; color deep rich crimson. 35c each.
- ROSA NELL**—Bright cerise rose. Large blooms on long stems. 35c each.
- TERRY CROSBY**—Pure apricot. Very large. \$1.00 each.

## HYBRID CACTUS DAHLIAS

- DADDY BUTLER**—Giant on long stems. American Beauty shades with lighter reverse. 50c each.
- GOLDEN WEST**—Large flowers, erect stems, deep rich yellow overlaid with orange. 35c each.
- MARION BROOMALL**—Pink and white, improved descendant of Gladys Sherwood. Beautiful flower. \$1.00 ea.
- MARY MUIR**—Extra fine cut flower, large ivory white flowers, erect stems. 35c each.
- ORIENTAL BEAUTY**—Fascinating pure pink. \$1.00 ea.

## MINIATURE DAHLIAS

- DUNDEE**—Rich salmon-pink cactus. Valued for keeping qualities when cut. 50c each.
- LITTLE JEWEL**—Charming rose-pink decorative. Fine for cutting. Good keeper. 50c each.



POMPON DAHLIAS

## PAEONY DAHLIAS

Outer Petals Semi-Double; Inner Petals Short

- CITY OF PORTLAND**—Giant canary yellow on long erect stems. One of the finest. 50c each.
- MME. VON BYSTEIN**—Lovely lilac blue, large size; long erect stems. 35c each.
- MRS. IRENE TAFF**—Giant in size. Petals broad, long and pointed; also incurved. Rich wine red, toned yellow deepening to golden zone at center. 50c each.

## POMPON DAHLIAS

All varieties: 25c each; \$2.50 doz., delivered free

- ACE OF DIAMONDS**—Small bright red; good stems.
- AMBER QUEEN**—Amber suffused with apricot. Good stems.
- BERNICE**—Soft Salmon.
- CENSOR**—Deep Crimson, lighter shadings.
- DANDY**—Light orange.
- DARK EYE**—White, with lavender tips.
- DAWNING**—White, flushed shell pink.
- EUREKA**—Bronze, shading yellow. Erect stems.
- EVA SALBACH**—Red.
- LITTLE DAVID**—Small, perfect blooms of deepest orange. Ideal cut flower.
- LITTLE JIM**—Neat little flower of deep garnet. Long stems.
- MADELINE**—Pale primrose, edged rosy purple.
- MARY MUNNS**—Fuchsia, dark orchid sheen.
- NEMESIS**—Rich crimson, tipped white.
- PAULINE**—Dainty Lavender blue, quilled petals.
- ROSA WILMOTT**—Fine Rose pink. Ideal stems.
- VIVID**—Rich, bright scarlet. Well suited for cutting.
- YELLOW GEM**—Pure Yellow.

# CARNATIONS—GERANIUMS—CANNAS

## THESE BEAUTIFUL CARNATIONS

**20c Each, 12 for \$1.50, Postpaid**

(6 may be purchased at the dozen rate)



CHAS. C. NAVLET CO.'S  
NEW SCARLET

## CANNA ROOTS

20c per root; 6 for \$1.00, postpaid.

**AMBASSADOR**—Appropriately referred to as the "Bronze-Leaved President," a wonderfully vigorous free-flowering brilliant cherry red; 5 feet.

**APRICOT**—A very attractive Canna, apricot in color.

**FIREBIRD**—The largest and richest of the red-flowering Cannas. The flowers are born in immense trusses on strong stalks, well above the leaves. Of splendid form—uniformly round and shapely. The petals measure and sometimes exceed 2½ inches across—the color is clear, glistening scarlet without any streaks, spots or blemishes.

**INDIANA**—Glistening golden orange daintily marked and striped with red; 3 to 4 feet high. Flower stalks as high as 6 feet. Foliage green.

**MRS. PIERRE S. DUPONT**—A gorgeously beautiful Canna of a vivid watermelon-pink; the individual flowers are very large in fine massive trusses; 4 feet high.

**STATUE OF LIBERTY**—An extremely vigorous grower, with bronze foliage and large, orange scarlet flowers; 5 feet high.

**YELLOW KING MIDAS**—Has the same habit or growth as its parent; foliage a very dark green with flowers measuring 5 to 7 inches across; individual petals 3 to 3½ inches diameter. Color of flower: a deep yellow heavily spotted and blotched with orange.

## GERANIUMS

15c each; 12 for \$1.50, postpaid (pot-grown).

### SINGLE

1—Orange red.      2—Red.      3—White.

### DOUBLE

1—Orange.      2—Red.      3—Carmine.      4—White.

## IVY LEAF GERANIUM

**ROYCROFT SURPRISE**—A clear, bright rose, with slight maroon blotches on outer petals.

**ABUNDANCE (Pink)**—A perfectly formed flower; long, strong stems. A favorite commercial variety.

**BENORA (White—Penciled with bright red)**—Narrow foliage, long stems, flowers large, freely produced. Very clear-cut and beautiful, keeps like an everlasting flower; ships better than any other variety. Even growers who have been prejudiced against "flaked" varieties admire and grow the Benora, because it pays handsomely for its keep, and is a pleasure to handle.

**BETTY LOW (Cerise pink)**—The stems are long, stiff and very heavy. The flowers are large. Grown for the florist trade very extensively.

**CHAS. C. NAVLET CO.'S NEW SCARLET**—A perfectly formed large flowering scarlet Carnation, with strong sturdy stems. It has a vigorous growth, and is a prolific bloomer.

**C. W. WARD (Pink)**—A perfectly formed Carnation with full center. Immense size, beautiful pink shade, free-blooming.

**DONALD (Dark crimson)**—Another prize-winner. Flowers are borne on long stiff stems. A very free bloomer.

**FAIRY QUEEN (Salmon-pink)**—Deeper in color than Laddies. Its flowers are enormous in size, borne on very stiff stems. This Carnation is very popular with the florists.

**GOLDEN GLOW (Yellow with red stripes)**—Very showy, with flowers growing on long stems.

**IVORY (White)**—A new commercial type of clear white, has taken its place as a leader. Large flowers.

**LADDIE (Salmon pink)**—A gorgeous glistening salmon pink Carnation with stems that average from 2 to 3 feet. Laddie has been thoroughly tested for hardiness, rapidity of growth, certainty and abundance of bloom, size, uniformity of color, fragrance and all-around merit.

**MAIN SUNSHINE (Yellow)**—This Carnation is a prize-winner. Large flowers of a clear golden-yellow borne on long stiff stems. A very free bloomer. The best yellow to date.

**MATCHLESS (White)**—A sensation winner of two Gold Medals. This pure white beauty has large, fragrant blooms borne on long stems. A great commercial favorite, because of its free blooming, and fine keeping qualities.

**MORNING GLOW (Pink)**—This beautiful light pink flower, shading to a lighter pink, has won a place in the Carnation world. Stems long and very strong.

**PINK SPECTRUM**—One of the very best pink; large flowers borne on long, strong, stiff stems. Popular florist variety.

**ROSELIND (Bright cerise)**—A mammoth flowering variety. This Carnation deserves a place in every garden. Its color is beautiful. A free bloomer and a very strong grower.

**SPECTRUM (Scarlet)**—Spectrum is one of the very best scarlet Carnations to be placed on the market. We are positive if you are partial to this color you will be more than delighted.

# THE CREAM OF THE "GLAD" FLOWERS

WE RECOMMEND THE FOLLOWING CHOICE LIST VERY HIGHLY.

Postpaid to 4th zone—6 at doz. rate.

- AMADOR**—A new glowing red glad that glistens in the sun and sparkles under electric light. Does not burn nor turn dark at edges in hot sun. Form, placement, substance all that could be desired. Five to eight open at same time, and open to the very tip equally well. 25c ea.; 3 for 65c; 6 for \$1.20.
- BETTY NUTHALL**—The most talked of gladiolus in America or Europe. Color is a glowing orange-pink, with a light yellow throat. Florets often six inches across, of splendid substance and placement. Eight or more open at once, sometimes producing as many as five spikes to a single bulb. 3 for 15c; 12 for 50c; 25 for \$1.00; 100 for \$3.50.
- CHARLES DICKENS**—Clear glowing violet-purple with velvety blotch on lower petal. Seven or eight open. Excellent substance, fine placement. 3 for 20c; 12 for 60c; 25 for \$1.10.
- COMMANDER KOEHL**—Throws huge spikes with large, wide-open blooms of brilliant deep scarlet red, with no markings or blotches. Six or seven open florets. 3 for 25c; 12 for 75c; 25 for \$1.35.
- CORPHYEE**—Beautiful clear wax-like pink, similar to an Ophelia rose. Florets large, round and well formed, placement perfect. 3 for 20c; 12 for 60c; 25 for \$1.10.
- DR. F. E. BENNETT**—One of the best of all scarlet-red. Large tall flame with many open at once. 3 for 20c; 12 for 60c; 25 for \$1.10.
- GAY HUSSAR**—Large glowing orange-red, shading to strawberry pink. Lower petals heavily stippled scarlet. Fine placement. Six or more open. 3 for 20c; 12 for 60c; 25 for \$1.10.
- GOLDEN DREAM**—A clear deep golden yellow of splendid substance; very tall, many open at one time. 3 for 15c; 12 for 50c; 25 for \$1.00.
- GRAND SLAM**—Sometimes called "Orange Pfitzer" for it is a sport from the magnificent Pfitzer's Triumph. It retains the size and growing habits of Pfitzer's Triumph but is salmon-orange in color. Sensational novelty. Huge florets and perfect placement. No perceptible blotch in throat. Medium size. 20c each; 3 for 50c; 6 for 80c; 12 for \$1.50.
- MAMMOTH WHITE**—Very large pure alabaster white, heavy substance, fine placement. 3 for 25c; 12 for 75c; 25 for \$1.35.
- MARMORA**—The most popular of the "smoky" gladiolus. Good placement with eight or more open at once. Tall. Color a lavender gray with a glowing petunia-colored blotch. 3 for 25c; 12 for 75c; 25 for \$1.35.
- MINUET**—Beautiful clear lavender with good size and fine placement. Heavy substance and tall, straight stem. 3 for 25c; 12 for 75c; 25 for \$1.35.
- MRS. LEON DOUGLAS**—A giant gladiolus with flowers of salmon-rose, flaked deeper. Four to six immense florets open at once. Five to six feet tall. Vigorous grower. 3 for 15c; 12 for 50c; 25 for \$1.00.
- PAUL PFITZER**—Clear velvety red-purple. A very striking flower. 3 for 20c; 12 for 60c; 25 for \$1.10.
- PFITZER'S TRIUMPH**—Unquestionably one of the largest and finest gladiolus ever introduced. Enormous amaryllis-like flowers are bright scarlet with a cherry blotch in the throat. Grand Slam is a fitting companion to this great flower. 3 for 25c; 12 for 75c; 25 for \$1.35.
- PICARDY**—Most sensational flower of delicate apricot pink. Many extremely large florets open at one time. A sensation wherever shown. One of the most outstanding and popular of recent introductions. Medium size. 15c ea.; 3 for 35c; 12 for \$1.00; 25 for \$1.75.
- PRIMROSE PRINCESS**—Very large, stately, wide open primrose yellow. Five to seven open at one time. Tall with long flower spike. Great poise and elegance. 3 for 25c; 12 for 75c; 25 for \$1.35.
- QUEEN HELEN II**—A most refined flower with six open and twelve additional buds. Grenadine pink with prominent pinard yellow blotch and carmine feathering deep in throat. One of the best of the new varieties with two famous parents, Betty Nuthall and Helen Jacobs. Medium 25c ea.; 3 for 60c; 6 for \$1.10.
- SARABAND**—A very unusual flower, rich as an oriental rug. Coloring a velvety oriental brownish red shading to red-purple, called "bordeaux." Straw yellow blotch. 3 for 20c; 12 for 60c; 25 for \$1.10.
- SENIORITA**—One of the few gladiolus with true orange coloring. Petals are a bright orange yellow, and the prominent carmine tongue and penciling give it the warmth of a gayly clad Spanish senorita. Sturdy. Medium height. 3 for 20c; 12 for 60c; 25 for \$1.10.
- VEILCHENBLAU**—A large clear deep violet blue. Tall and vigorous. Most popular dark violet in America. 3 for 20c; 12 for 60c; 25 for \$1.10.
- W. H. PHIPPS**—Consistent prize winner and the most popular of all gladiolus. Beautiful salmon pink, with lower petals slightly striped and speckled ruby. Flower large, ten or more florets open at once, and long flower spikes. 3 for 20c; 12 for 60c; 25 for \$1.10.

## NAVLET'S FAVORITE MIXTURES

- BEDDING MIXTURE**—Wide variety of colorful, large-flowered sorts. Excellent for cutting and garden effect. 12 for 40c; 25 for 75c; 50 for \$1.50; 100 for \$3.00 Postpaid.
- EXPOSITION MIXTURE**—Again we offer this mixture of prize beauties, so improved over previous years as to provide a new collection for those who have previously planted it. Gorgeous colorings, long, tall, flower spikes of beautifully ruffled and frilled florets, many open at one time. 12 (No two alike) 60c; 25 for \$1.15; 50 for \$2.10; 100 for \$4.00 Postpaid.
- PRIZE FOURSOME**—A true Fancier's group. Consists of six each of four world-famous varieties, labeled separately: 6 Betty Nuthall; 6 Corphyee; 6 Dr. F. E. Bennett; 6 Marmora. The 24 bulbs for only \$1.00 postpaid.
- SUPREME ASSORTMENT**—Our balanced blend, selected from named varieties listed on this page. 12 (No two alike) 75c; 25 for \$1.35; 50 for \$2.50; 100 for \$4.50 Postpaid.

## CULTURAL SUGGESTIONS

In the Bay Area, and other districts enjoying mild winters, planting may start about December 15th, and continue to May.

Gladioli do best in a soil that is fairly moist, yet well drained.

In a Cutting Garden, they are planted about 6 to 8 inches apart in rows, and the rows far enough apart to permit of hand cultivation and irrigation.

In the Garden Beds, they are most effective planted in groups, here and there, where space is available. Plant at least six of a variety in a group.

Plant large bulbs about 3 inches deep in medium to heavy soil and at least 4 inches deep in light soil.

Mix some Bonemeal with soil in the bottom of each planting hole. Otherwise, there should be no fertilization until the tops are fairly well developed. Manure in the soil is likely to favor certain fungous diseases which attack Gladioli.

Don't dig until the tops have wilted and dried to a point where they are easily twisted from the corms. Always store corms in Naphthalene Flakes (See "Thrips" Page 50).

## NAVLET'S HARDY PERENNIAL PLANTS



DELPHINIUM

If wanted by parcel post, add 10c extra 1 to 6 plants; 15c for 7 to 12 plants to cover postage and packing. We prepay postage on orders for \$1.00.

**ACHILLEA (Yarrow) (Filipendulina)**—Flat heads of brilliant yellow flowers; finely cut foliage. Plants suitable for dry, sunny places. Bloom all Summer. Plants 15c each; \$1.50 per doz.

**AGAPANTHUS (Umbrelleatas)**—In a season it grows 2½ feet high. Flowers bright blue in bloom nearly all the year 'round. Large root 25c each; \$2.50 per doz.

**AGATHEA COELESTIS (Blue Daisy)**—A favorite pot plant and useful for bedding protected places. Leaves alternate, entire or dentate. Heads usually long-peduncled, the corolia blue or white, the disk yellow. Plants 15c; 3 for 40c; \$1.50 per doz.

**ALYSSUM (Saxatile)**—An ideal hardy plant excellent for rock work. Flowers in May; showy, golden-yellow flowers. Plants 6 for 30c; 50c per doz.

**ANEMONE (Windflower)**—A pleasing perennial, producing large, pink or white flowers. Few plants compare with them in beauty; fine for bouquets. Plants 15c each; 3 for 40c; \$1.50 per doz.

**AQUILEGIA (Columbine) "Dobbies Imperial Hybrids"**—Columbines are among the most beautiful and popular of all hardy plants. Blooming in Spring or early Summer. Clumps 15c each; 3 for 40c; \$1.50 per doz.

**ARMERIA MARITIMA (Sea Pink)**—An evergreen border requiring no trimming. The flowers are lilac-pink and are borne on stems about 12 inches high above the plant. Plants 35c per doz.

**BEGONIA**—Of cheerful appearance and perpetually blooming, it is one of the most popular and charming plants.

"Luminosa"—Fiery-scarlet bronze foliage.

"Prima Donna"—Limpid rose, shading to carmine, green foliage. Strong plants, 6 for 30c; 50c per doz.

**CANTERBURY BELLS**—White, pink, blue or assorted colors. A fine perennial of lovely colors; particularly glorious when planted in large groups. clumps 15c each, 2 for 25c; \$1.25 per doz.; seedlings 50c doz.

**CHIFFON DAISY**—The Chiffon Daisy has pure white flowers with a multitude of twisted petals that give it a very fluffy appearance. Bloom continuously from early Spring until Fall. Flowers are held on long stems, excellent as a cut flower. Clumps 15c each; 3 for 40c; \$1.50 per doz.

**COLUMBINE (See Aquilegia).**

**COREOPSIS "Mayfield Giant"**—This is one of the finest hardy plants, with large, showy bright yellow flowers, produced in the great abundance from June till frost. 6 for 30c; 50c per doz.

**DAISY (Michaelmas) (Aster Alpinus)**—Makes a compact little bush covered with starshaped flowers; very free blooming. Sometimes called "Hardy Asters." 10c each; \$1.00 per doz.

**SEE SHASTA DAISY.**

**DELPHINIUM, NAVLET'S EXHIBITION**—This Exhibition Mixture has been the admiration of all the visitors at our Nursery on the San Francisco Highway. Grown from originator's stocks. We believe our Delphiniums to be as fine as any in the world. Clumps 25c each; \$2.50 per doz.

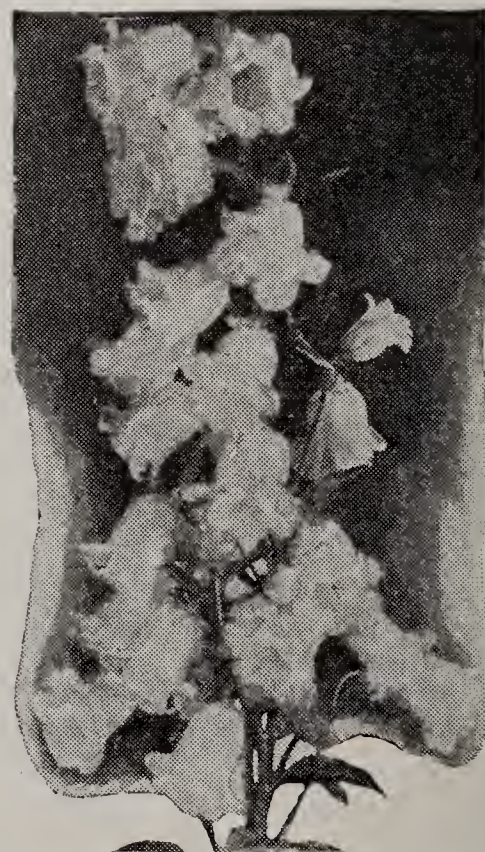
**FOXGLOVE (Digitalis)**—A showy hardy perennial with large brilliant white, pink, purple flowers, borne on long stems. Clumps 15c each; 2 for 25c; 12 for \$1.25.

**Giant Shirley**—6 ft. Giant strain of remarkable beauty. Flowers spotted cream, maroon and chocolate. Long spikes. Clumps 20c each; 6 for \$1.10; 12 for \$2.00.

**GAILLARDIA (Grandiflora)**—Very showy flowers, 3 in. in diameter; these useful plants flower freely from early Summer until frost. Seedlings 35c per doz.

**Dazzler (New)**—2 ft. Glorious combination of intense maroon red and golden yellow. Seedlings, 2 for 15c; 6 for 40c; 12 for 75c.

**Tangerine Improved (New)**—2 ft. Distinct orange overlaid red, greatly improved over the original. Seedlings, 2 for 15c; 6 for 40c; 12 for 75c.



CANTERBURY BELL

ALL PLANTS LISTED 35c doz., are \$2.25 per 100; 50c doz., are \$3.00 per 100.

## PLANTS FOR THE PERENNIAL GARDEN

**GAZANIA**—Ready for Delivery (Orange Flowers)—Plants very dwarf; grow close to the ground, 6 to 10 inches high; produced in the greatest abundance in the Spring and early Summer. For making borders, where there is a lack of water. This plant cannot be beaten. 35c doz.

Canary Yellow—A new Gazania. Large flowers. 6 for 30c; 50c per doz.

**GEUM**—Long flower stalks bearing double little rose-like blooms. Thrives in sun or partial shade. 2-ft.

Mrs. Bradshaw—Brilliant scarlet.

Lady Stratheden—Rich golden yellow. 2 for 15c; 6 for 40c; 12 for 75c.

**GOLDEN GLOW (Rudebeckia)**—Grows 6 to 8 feet high. Will produce hundreds of yellow flowers during July and August. The flowers are perfectly double like Roses. 10c per large clump; \$1.00 per doz.

**GOLDEN ROD (Solidago) (Our National Flower)**—Grows 4 to 5 feet high and produces spikes of golden-yellow flowers from the end of July until September. 10c per clump; \$1.00 per doz.

**HELIOTROPE**—Delightful fragrant flowers, dark purple. An old fashioned favorite. 20c per plant; 3 for 55c; \$2.00 per doz.

Mammoth Flowered (Mad. Bruant)—A giant flowered dwarf variety. The blue flowers grow 10 inches across, richly perfumed. We have measured flowers as big as 12 inches in diameter. Plants 25c each; 3 for 65c; \$2.50 per doz.

**HEUCHERA SANGUINEA (Coral Bells)**—A very handsome perennial, low growing. The leaves are heart-shaped, and from the centers the flower scape rises from 1 to 3 feet high, bearing loose graceful sprays of coral-red flowers. Plants 6 for 30c; 50c per doz.

**HOLLYHOCK ROOTS (Chater's Double)**—The flowers measure from 3 to 4 inches across. Newport pink; salmon rose; scarlet; sulphur yellow. Strong roots 15c each; 2 for 25c; \$1.25 per doz.

**LANTANA**—Very easily grown in any climate, soil or situation. Flowers in bright orange—pink with mottled centers—lavender with orange centers. Small pot grown 15 each; 3 for 40c; \$1.50 per doz. Large pot grown 25c each; \$2.50 per doz.

**LAVENDER**—A hardy shrub, well known and esteemed for its delicious fragrance. 20c per plant; large plants 35c each.



HELIOTROPE

**MARGUERITE (Single Giant Flowering)**—These are the showiest of plants and require almost no care. White, yellow or blue. 15c per plant; 3 for 40c; \$1.50 doz.

**MARGUERITE CARNATIONS**—They remain in blossom throughout the year, and the calyx never bursts. The plant is of dwarf, compact, and pretty habit, branching closely above the ground and producing vigorous stalks; thrives equally well in pots or gardens. Plants 6 for 40c; 75c per doz.; \$4.50 per 100.

**MATILJA POPPY (Romneya or Tree Poppy)**—A native plant of California. A perennial shrub, leaves of a grayish or sage green. Flowers are pure white, single, with orange-colored center, measuring 6 inches across. Plants 10 to 14 inches high, \$1.00 each.

**MESEMBRYANTHEMUM (Ice Plant)**—Dwarf trailers of great beauty. Bright rose flowers—dark green foliage. Plants 50c per doz.

**\*ORIENTAL POPPY (Mrs. Perry)**—Huge cup-shaped blooms, orange-apricot.

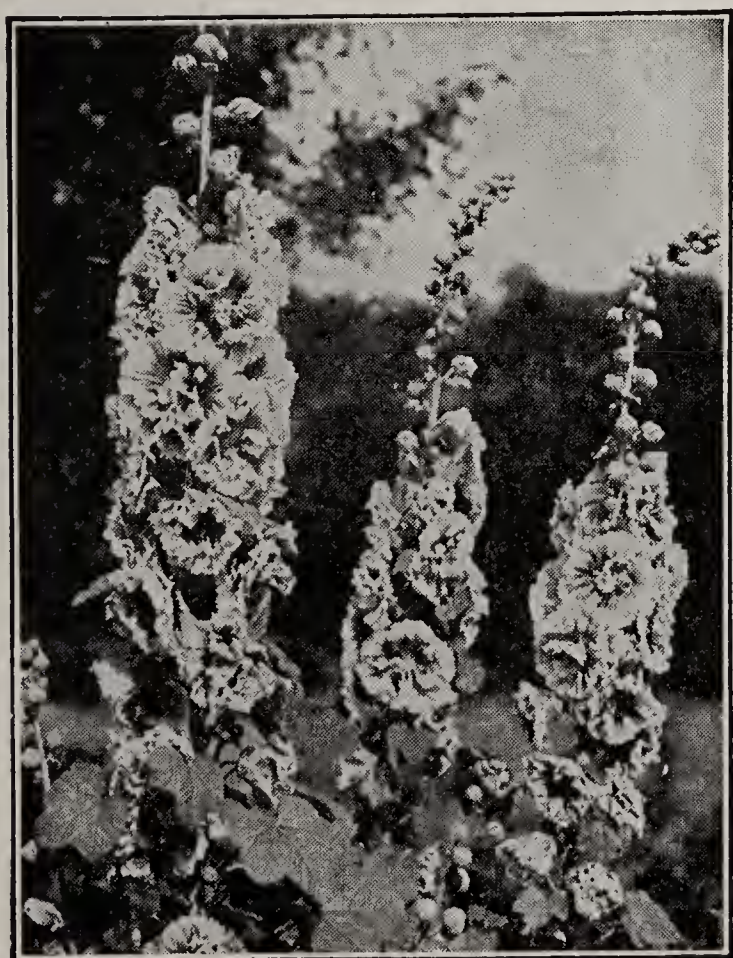
Queen Alexandria—Flowers very large, bright rosy salmon with crimson blotch. Plants 10c; 6 for 40c; 12 for 75c.

**PENTSTEMON (Gloxinia-flowered Hybrids)**—Garden perennials, producing Foxglove flowers of various brilliant colors. Plants 6 for 30c; 50c per doz.

### PERENNIAL GARDENS

By H. STUART ORTLOFF

Kinds and varieties of perennials for many different purposes are classified, with directions for selecting the desirable ones for any purpose. 92 pages, 18 illustrations. \$1.25



HOLLYHOCKS

## BRING BEAUTY AND FRAGRANCE TO YOUR GARDEN



TRANSVAAL DAISY

## (Perennials Continued)

**PHLOX (Assorted Colors)**—Many varieties which heretofore have been scarce and high-priced are now offered in our choice collection. 25c per plant; \$2.00 per doz.

**POLYANTHUS (Garden Primrose)**—A truly grand Spring flowering plant for the garden or house. The flowers are daintily edged and come in fine range of beautiful colors. Strong plants, grown from a selected strain of imported seed for Winter and Spring blooming. 6 for 30c; 50c per doz.

**PYRETHRUM (Golden Feather or Feverfew) Aureum**—Very largely used for edgings, borders and bedding. 35c per doz.

**Roseum**—Flowers range from rose to carmine. Clumps 15c each; 6 for 60c; \$1.00 per doz.

**REHMANNIA**—A very handsome dwarf growing perennial. Produces large tubular flowers of a purplish color striped with a darker hue. Succeeds in a moist, shady border and requires protection in Winter. Plants 15c each; 6 for 60c; \$1.00 per doz.

**SALVIA (Harbinger)**—1¼ ft. F-A. Dwarf and compact habit. Dazzling, bright scarlet flowers. Extra early. 25c each; 6 for \$1.25; 12 for \$2.50.

**Farinacea**—Grows 2 to 3 feet high, producing long spikes of attractive light blue flowers from July to frost. 20c per plant; 3 for 50c; \$1.50 per doz.

**Patens**—In color this is as blue as the "Scarlet Sage" is red; not useful for bedding, beautiful plant for the border; 2 feet; 20c per plant; 3 for 50c; \$1.50 doz.

**SANTOLINA**—A low-growing plant of gray color, very largely used for edging and ribbon work; trims well and has a narrow leaf; a half-hardy perennial. 35c per doz.

**SCABIOSA CAUCASICA (Blue Bonnet)**—Scabiosa with large light-blue flowers borne on long stems, fine for cutting. Grows three feet high. Seedlings, 15c each; \$1.25 per doz.

**Columbaria**—The deep rosy-mauve flowers measure 2 to 2½ inches across. The delightful rosy color makes this Scabiosa unique. Ideal for cutting. From 3-inch pots, 20c each; 12 for \$2.00.

**SHASTA DAISY (Alaska)**—Large flowering Daisy. The flowers measure fully four inches across, flowers come singly on a stiff slender stem nearly two feet in length. 6 for 30c; 50c per doz.

NAVLET'S Maximum RUST-PROOF  
SNAPDRAGONS Mixed

A triumph in Plant Breeding. 75% of the plants are completely immune to Rust. The range of colors and habit of growth of the Rust-proof Snapdragons as offered by us are vastly superior to those placed on the market last year. With this scientific achievement, there is no doubt, but that the Snapdragon will become the most popular of all garden flowers in America. 6 for 30c; 12 for 50c.

**STATICE (Perezii)**—The leaves are very large, the flowers stand well above the leaves on long stiff stems. The flowers are very large and of a beautiful blue color. 15c each; 3 for 40c; \$1.50 per doz.

**Caspia**—Foliage very compact and close to the ground, flowers small and of a rosy-lilac color. Very useful and charming for borders. Plants 20c each; 3 for 50c; \$1.75 per doz.

**STOKESIA (Stoke's Aster)**—Stokesia with its lavender-blue cornflower-like blossoms is much used for hardy borders. Plants grow about 24 inches high, each bearing from 20 to 30 handsome flowers, much used for cutting. Blooms from July till frost. Plants 15c each; 3 for 40c; \$1.50 per doz.

**SWEET WILLIAM (Mammoth Flowering) "Holborn Glory"**—We offer Sweet William in a great variety of brilliant colors, including crimson, salmon pink, white and cerise—many with large white eyes. 6 for 30c; 50c per doz.

**THYME**—For a fragrant, hardy little edging plant, Thyme is ideal. Navlet's selected plants give you the very best variety. 6 for 40c; 75c per doz.

**TRANSVAAL DAISY (Gerbera)**—Flowers are large and held on tall stems. A favorite wherever grown. Plants 20c; 6 for \$1.10; 12 for \$2.00; 2-year-old roots, 35c each; 6 for \$2.00; \$3.50 per doz.

**TRITOMA (Kniphofia—Red Hot Poker) (Uvaria)**—Very hardy. Leaves grass-like at the base. Flowers borne on end of a long stiff stem, resembling a red-hot poker. 15c each; 6 for 65c; \$1.25 per doz.

**Canary Yellow**—Same habit of growth, and foliage same as Red Hot Poker. Color rich canary-yellow. 15c each; 6 for 65c; 12 for \$1.25.

**YUCCA (Spanish Bayonet) (Yucca Filamentosa) (Adam's Needle)**—Forms a clump of bold, stiff sword-shaped leaves, 3 to 4 feet high, surmounted in Spring with a large flower stalk. 35c each; 6 for \$2.00; \$3.50 doz.

**YUCCA WHIPPLEI (Spanish Bayonet)**—The finest of all yuccas, the magnificent flower stalks bearing thousands of wavy white flowers, rising 10 to 15 feet above the low rosetts of narrow leaves at the base. 50c each; \$5.00 per doz.

## VISIT OUR NURSERY

San Francisco Main Highway, 1½ miles south of Sunnyvale. Here you will find thousands of Evergreen Shrubs, Roses, Perennials.

## OPEN SUNDAYS

All Plants Listed 35c doz., are \$2.25 per 100; 50c doz., are \$3.00 per 100.

## PLANTS LISTED—GROWN AT OUR NURSERY

**VERBENAS**—They begin to grow and spread out immediately, and soon cover the ground with a carpet of bloom. Ideal for borders or strips in sunny places. Mixed colors, 6 for 30c; 50c per doz.

**Verbena Plants in Separate Colors**—Your choice of pink, blue, scarlet, purple or white. Plants 6 for 40c; 75c per doz.; \$5.50 per 100.

**VIOLA (Tufted Pansy) (Jersey Gem)**—A variety with pure violet-blue flowers. Plants compact, sturdy habit of growth and the flowers are borne on good stems. Ideal for cutting. Desirable plant for the rockery. Each 10c; \$1.00 per doz.

**Apricot**—Rich apricot shade, tinged with orange toward the center. Unusually beautiful planted with Blues. 10c each; 6 for 30c; 12 for 50c.

**VIOLET PLANTS (Three Wonderful Species)**—

**Marie Louise**—A magnificent double Violet. The large double blooms are exquisitely perfumed and are borne on long, strong stems. Plants 6 for 35c; 12 for 60c.

**Princess of Wales**—It is a distinct type of the California Violet—being a lighter purple. Plants 6 for 30c; 12 for 50c.

**Purple King**—For size, order Princess of Wales; for profusion of flowers, order the Purple King. 6 plants 30c; 12 choice plants 50c.

**WALL FLOWER**—Well known and popular old-fashioned flower. Very fragrant. 35c per doz.



### NAVLET'S ANNUAL PLANTS

Orders for Annuals will be filled when danger of frost is over except where listed for immediate delivery.

**ARCTOTIS (African Lilic Daisy)**—Pure white, reverse of petals lilac-blue. Plants 6 for 20c; 35c doz.

**ASTERS (Wilt Resistant)**—Bright pink, crimson, white, lavender, blue. Plants 6 for 30c; 12 for 50c.

**CALENDULA**—Deep orange or lemon, very large. Plants 6 for 20c; 35c doz. Ready for delivery.

**CINERARIA**—Whites, blues, violets, crimsons. Usually two or more colors in each flower. Assorted plants 10c each; 6 for 30c; 50c doz. Ready for delivery.

**COSMOS**—Red, pink, white or assorted. Plants 35c doz.



SALPIGLOSSIS

### (Annual Plants Continued)

**ENGLISH DAISY**—Mammoth double flowering. Rose, pink, or assorted. Plants 6 for 30c; 50c doz. Ready for delivery.

**LOBELIA (Dwarf)**—Crystal Palace, dark blue, bronze foliage. Plants 35c doz.

**Double Dwarf**—Intense blue. Plants 10c each; 3 for 25c; \$1.00 per doz.

**Trailing**—Light blue. Plants 6 for 20c; 35c per doz.

**MARIGOLD (African)**—Orange King or Lemon Queen. Plants 6 for 20c; 35c doz.

**Dwarf French Double Mixed**—10-inch. Small flowers. Dark brown, lemon, orange, etc. Assorted. Plants 35c doz.

**PANSY (Giant Ruffled)**—Flowers are borne on strong stems well above the foliage and include new tints and blendings. 35c per doz.; \$2.25 per 100. Ready for delivery.

**Navlet's Rainbow Giants**—One of our great specialties. Unquestionably the world's best strain of Pansies. Specially blended to include the newest named varieties, and to provide the widest and best balanced range of Pansy colors. Enormous blooms, massive foliage rugged, long stems. 50c per doz. Ready for delivery.

**PETUNIAS (Ruffled Giants of California, Single)**—Huge size, in tremendous variety of colorings and markings. Plants 6 for 30c; 50c per doz.

**Mammoth Double**—Tremendous size and heavily double, ruffled and fluted. Self colors and multi-colored. Plants 15c each; 6 for 60c; \$1.50 per doz.

**SALPIGLOSSIS (Gloxiniaflora)**—Veined in rich colorings. Plants 6 for 20c; 35c doz.

**SALVIA (Scarlet Sage)**—Choice of Splendens, a long spiked variety, or Zurich, a dwarf type. Plants 6 for 30c; 50c doz.

**SCABIOSA (Mourning Bride)**—White, carmine, lilac, maroon. Mixed. Plants 6 for 20c; 35c doz.

**STOCK (Gilliflower)**—Assorted colors. Plants 6 for 20c; 35c doz; \$2.50 per 100. Separate colors, white, red, purple, crimson, yellow. Plants 35c doz. Ready for delivery.

**ZINNIAS (Gold Medal Dahlia-flowered)**—Immense, double blooms. 6 to 8 inches across. Plants 6 for 30c; 50c doz.

All Plants listed 35c doz., are \$2.25 per 100; 50c doz., are \$3.00 per 100.

Prices listed on Perennials and Annuals are postpaid on minimum orders of \$1.00.

**BULBS and ROOTS FOR SPRING PLANTING****IRIS OR FLEUR-DE-LIS**LILY  
OF  
THE VALLEY**AMARYLLIS**

**Belladonna Major**—Large rose-pink trumpet-shaped flowers on sturdy leafless stalks. Plant with top of bulb exposed. 20c each; 12 for \$2.00.

**Vittata Hybrids (Hippeastrum)**—Gigantic blooms of scarlet, crimson, cerise with varied markings. For pot culture, or outdoors in frostless spot. 60c each; 12 for \$6.50.

**BEGONIA (Tuberous Rooted)**

Splendid pot plants; also useful for bedding outside in partial shade, flowering very profusely. Orange, rose, scarlet, salmon, white, yellow, double, all colors, separate or mixed. Hanging Basket (*Double Lloydii*); mixed colors only, pinks, salmons; extra choice bulbs, each 20c; \$2.00 doz.

**BLEEDING HEART**

**Dielytra spectabilis**—Graceful, heart-shaped, pink flowers; one of the choicest memories of old-fashioned gardens. Especially valuable for planting in shady spots. Large clump 50c each; 12 for \$5.50.

**BUTTERFLY IRIS**

**Ochroleuca Gigantea**—Flowers similar to Dutch Iris, but much larger, coming four to the stalk, and very long stemmed, reaching three and four feet. Blooms last 10 days after cutting. Pure Canary Yellow, 20c each; 3 for 50c. Cream White, 15c each; 3 for 35c.

**CYCLAMEN**

Great favorite as pot plant, and for shaded spots. Firm Bulbs: Red; Salmon; White; 25c each; 12 for \$2.50.

**CALLA LILIES**

**Aethiopica (Lily of the Nile)**—Large, long stemmed, pure white, rich green foliage. 15c each; 12 for \$1.50.  
**Elliottiana**—The large golden-yellow sort with white spotted, dark green foliage. Splendid for pot and garden culture. 25c each; 12 for \$2.50.

**LILY OF THE VALLEY**

Essentially a shade loving plant. Give northern or northwestern exposure with rich, sandy loam. Slender stems of frosted, scented bells hiding among bright green leaves give refreshment for the mind and the spirit. Try the Potting or Forcing Pips in a pot of Bulb Fibre indoors. They are extremely simple of culture. Always set so the tips of pips are above ground. Outdoor type 12 for 85c; 100 for \$6.00; Potting and Forcing type 12 for \$1.00; 100 for \$7.00.

**Ambassador**—Standards bronzy violet; falls dark maroon. Conspicuous orange beard. Late. **Alcazar**—Standards mauve; falls dark bronzy red purple. Yellow beard. Fragrant. **Asia**—Beautiful silvery lavender blend, lit by bright yellow beard. Mid season to late. **Clement Desormes**—Deep red pink; large bright flowers, conspicuous orange beard. **Her Majesty**—Rose pink; outer segments bright crimson. **Hidalgo**—Very large lavender blue. Particularly fine. 35c each; 3 for 70c. **Lady Foster**—Beautiful lavender blue. Free flowering and fragrant. **Magnifica**—Huge flowers of light violet blue standards and red violet falls. Early. **Mother of Pearl**—Iridescent shades of Mother of Pearl. Large and of excellent substance. **Mme. Gaudichau**—Fragrant dark, velvety bi-color. Standard of violet and blackish-purple falls. **Nancy Orne**—Large rose-purple suffused yellow. **Pauline**—Rich pansy violet, deep orange beard. Fragrant. **Princess Victoria Louise**—Lemon yellow standards. Falls, violet bordered sulphur yellow. **Santa Barbara**—Finest of pure lavender blues. 25c each; 3 for 50c.

**PAEONY**

Make a gorgeous display when planted in beds on the lawn or planted singly along a walk or herbaceous border. The roots should be placed so that the crown is covered with not more than two inches of soil. Plant from October to June. Choice double flowering pure white, and rose pink, red, strong roots, 50c each, postpaid; 12 for \$5.00, delivered free.

**THE CULTURE OF THE TUBEROUS-ROOTED BEGONIA**

This exquisitely beautiful bedding and pot plant is of the very simplest culture.

The hairy tubers usually have flat, depressed tops and rounded bottoms.

Sprout the tubers in shallow boxes or flats of slightly moistened peat or sandy leaf mold kept in a warm place. Increase moisture as growth develops, and when well sprouted shift to permanent position in the garden bed. They do best, shaded from the burning afternoon sun, in a bed of well prepared, enriched soil with plenty of peat and sand.

For pot culture, a mixture of two parts peat, two parts loam, one part sand and one part well rotted manure will prove satisfactory. Perfect drainage is important. Transfer from flats to small pots at first and moving later to larger ones. If the Hanging Basket type is to be grown in hanging pots or baskets, pinch the main shoots when the first flower buds appear to induce side shoots.

Always pinch out the first flower buds and from that period on, water weekly with liquid manure, to induce vigorous growth and strong stemmed flowers.

When the plant has finished blooming in October or November, withhold water entirely while foliage browns and wilts. When dormant, lift the bulbs, clean, and store in a cool, dry place until early the following year when the culture above is repeated. Bulbs are good for many years.

**THE BOOK OF BULBS.**

By F. F. Rockwell.

The chapters on planning and making bulb gardens, naturalizing bulbs, propagation, and protection from insects and diseases are full of practical help. 280 pages. Well illustrated.....\$3.00

## CLIMBERS AND CREEPERS

**AMPELOPSIS Quinquifolia** (Virginia Creeper)—Five leaved foliage, turning to flaming scarlet in Autumn. 25c each; \$2.50 per doz.; 2 year old roots 35c each; \$3.50 per doz.

**Veitchii** (Boston Ivy)—Dense glossy foliage, turning red in Autumn. Excellent climber. 25c each; \$2.50 per doz.; 2 year old roots 35c each; \$3.50 per doz.

**AUSTRALIAN PEA VINE** (*Dolichos Lignosus*) — Leaves like Smilax, with pea-shaped rosy lilac flowers. 15c each; \$1.50 doz.

**BIGNONIA Tweediana** (Trumpet Vine) — Evergreen vine. Lemon-yellow trumpet-shaped flowers. 25c each; Larger plants, 50c; \$2.50 per doz.

**BOUGAINVILLEA** (Crimson Lake)—Red flowers produced in great profusion. Strong roots. \$1.00 each. **Sanderiana**—Beautiful Magenta, growing in great profusion. 4 in. pots 75c each; 5 in. pots \$1.00.

**CLEMATIS PANICULATA** (Japanese Virgin Flower)—White flowers borne in clusters. 2½ in pots 25c; 2 year old vines 50c each.

**COBEA SCANDENS**—Rapid climber, prolific bloomer, with large bell-shaped blue flowers. 25c each; \$2.50 doz.

**FICUS REPENS** (Climbing Fig)—Small dark green, heart-shaped leaves. Clings to stone or wood. Pot grown. 25c each; large plants, 50c each.

**HOP VINE** (*Humulus Lupulus*)—A common, but very useful climber. 15c each; \$1.00 doz.

**IPOMEA** (Moonflower) **Bona Nox**—(Pure White) Flowers silvery white, perfumed. Opening in evening or on cloudy days. 15c each; \$1.50 per doz.

**Learii**—(Heavenly Blue) Clear satiny blue flowers. 15c each; \$1.50 doz.

**IVY** (*Hedera*) **Hardy English**—Dark, leaves green the year 'round. 20c each; \$2.00 doz.; gal. can, 35c each.

**Kenilworth**—Drooping sprays of exquisite foliage, thickly set with lovely flowers. 20c each; \$2.00 doz.

**Variegated Ivy**—Foliage mottled with creamy white. 20c each; \$2.00 doz.; gal. can, 35c each.

**JASMINE**—1½ to 2 ft., 50c each; \$5.00 per doz.

**Officinalis**—Glossy foliage and fragrant white flowers. Summer blooming.

**Primulinum**—Primrose-yellow flowers with a darker eye.

**KUDZU VINE** (*Pueraria Thunbergiana*)—Large foliage, blossoms rosy purple, pea shaped on racemes. 20c each; \$2.00 doz.



BIGNONIA

**LONICERA** (Honeysuckle)—2 to 2½ ft., 35c each; \$3.50 doz.

**Chinese**—Strong grower, back of leaves reddish-purple, fragrant flowers, white and pink.

**Halleana**—(Japan) Fragrant white flowers changing to yellow.

**MADEIRA VINE**—Climbing Mignonette with fragrant feathery-white flowers. 15c each; 75c doz.

**MANDEVILLEA Sauveolens**—Deciduous climber with clusters of sweet-scented white flowers in the Summer. 35c each; \$3.50 doz.

**MUEHLENBECKIA COMPLEXA** (Maidenhair Vine)—Dark wiry stems and tiny leaves. 20c each; \$1.50 doz.

**PASSIFLORA** (Passion Vine)—Blue—Flowers extra large. Pink—Large flowers, dark green foliage. 50c each; large plants, 75c each.

**PLUMBAGO Capensis**—Bush or climber, sky-blue flowers. Gal. can, 50c each; \$5.00 doz.

**Alba**—Pure white. Gal. can 35c each; \$3.50 doz.

**SMILAX** (*Medeola Asparagoides*)—Indispensable for decoration. 15c each; \$1.50 per doz.

**SOLLYA** (Australian Blue Bell) **Hetherophila** — Blue flowers, leaves narrow and smooth. Slender twining evergreen. Pot grown. 25c each; \$2.50 doz.; gal. can, 1½ to 2 ft., 35c each; \$3.50 doz.

**TECOMA RADICANS**—Coppery yellow trumpet shaped flowers produced freely on this climber. Large plants 35c each; \$3.50 doz.

**VINCA**—Perennial trailer trumpet shaped flowers produced freely on this climber. Gal. can 35c each.

**WISTERIA**—Masses of drooping, fragrant blossoms, very graceful. Will bloom first year. Grafted. Blue. 2 to 3 ft. 50c each. Larger plants \$1.00.



WISTERIA

ON ORDERS FOR \$1.00 AND OVER WE DELIVER POSTAGE PAID. LESS THAN \$1.00 ADD 15c EXTRA—UNLESS CLIMBER INCLUDED WITH OTHER PLANTS AMOUNTING TO \$1.00.

# EVERGREEN SHRUBS AND ORNAMENTAL TREES

## KEY TO ABBREVIATIONS

T—Tree.  
 DT—Deciduous Tree.  
 ET—Evergreen Tree.  
 Con. T—Coniferous Tree.  
 S—Shrub.  
 DS—Deciduous Shrub.  
 ES—Evergreen Shrub.

VISIT OUR NURSERIES, one on San Francisco Highway one mile south of Sunnyvale where our shrubs and roses are grown; another at 497 Prevost St., San Jose.

DELIVERY—We do not pay express or freight charges on shrubs or trees at prices listed except (\*) as mentioned below.

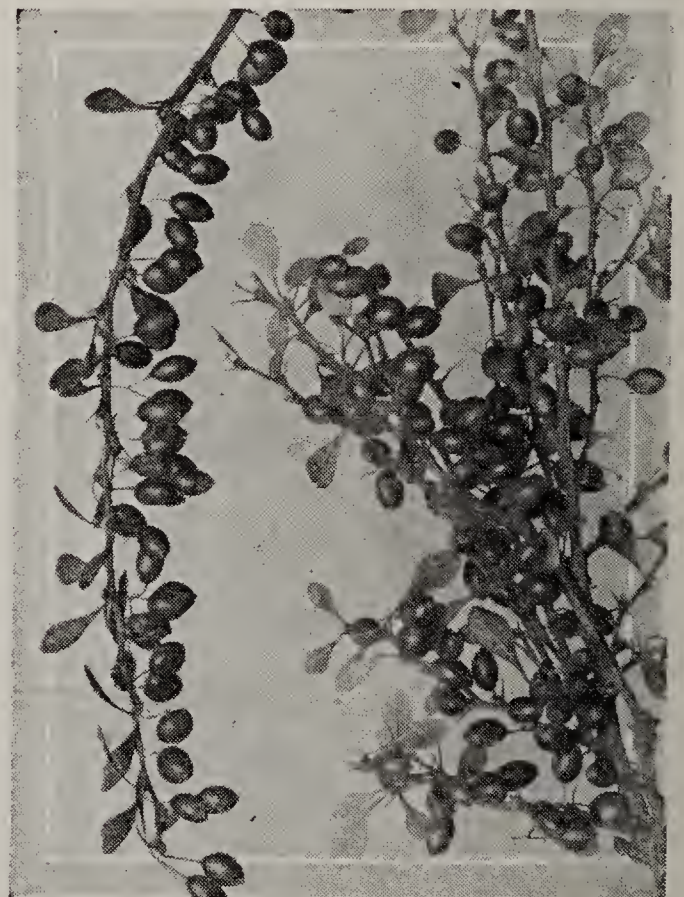
All shrubs marked (\*) can also be furnished in 2½-inch pots, ready to set out. 20c each; 12 for \$2.00.

Orders for \$1.00 and over 2½-inch pot stock will be mailed postpaid within 4th zone.

## COMPARE OUR PRICES AND QUALITY

- \*ABELIA Grandiflora (ES) Foliage glossy green, flower tubular, white flushed pink. Gal. can 1½ to 2 ft. 40c; field grown 2 to 3 ft. \$1.00.
- ABIES Douglasi (Douglas Fir) (Con.T) Native Pacific Coast. Large symmetrical tree. Silver foliage. Gal. can 3 to 4 ft. 60c; 4 in. pots, 1 to 1½ ft., 35c.
- Grandis—Leaves in flat rows, silver beneath, green above. Tall tree, symmetrical form, 4-inch pot 10-inch to 15-inch 35c; gal. can 1½ to 2 ft. 60c.
- ACACIA Armata (Kangaroo Thorn) (ES) Slender branched spreading habit. Flowers light yellow along branches. Gal. can 3 to 4 ft. 50c.
- Baileyana (Cootamundra Wattle) (T) Handsome silver blue foliage. Golden yellow flowers cover tree in Winter months. Gal. can 3 to 4 ft. 50c; 4 to 6 ft. 60c; 6 to 8 ft. 75c.
- Floribunda (T) Continuous bloomer. Gal. can 4 to 6 ft. 50c.
- Latifolia (Golden Wattle) (S or T) Leaves long and slender. Flowers at axil of every leaf. Gal. can 4 to 6 ft. 50c.
- Melanoxylon (Blackwood) (T) Gal. can 4 to 6 ft. 50c; 6 to 8 ft. 70c.
- Verticillata (Star Acacia) (S or T) Spreading habit, leaves linear and lance shaped. Flowers yellow. Gal. can 3 to 4 ft. 50c.
- AGAVE (Americana Variegata) "Variegated Century Plant." Leaves bluish gray with heavy yellow margin. Gal. can 1 to 1½ ft. 50c each.
- ARALIA, Japonica (ES) Tropical appearance, large green, deeply lobed leaves. Gal. can 1½ to 2 ft. 50c.
- ARAUCARIA Imbricata (Monkey Puzzle) (Con. T) Tree of unusual form, branches in whorls. Foliage overlapping like shingles. 6 in. pot \$1.00.
- \*ARBUTUS (Strawberry Tree) (ES) Bears in Fall and winter, ornamental fruit similar in size and color to Strawberries. Foliage same as Toyon. Very attractive. Gal. can 3 to 4 ft. 50c; field grown 4 to 5 ft. \$1.50.
- AUCUBA, Japonica (Gold Dust) (ES) Glossy foliage marked with yellow spots. Does best in partial shade. Gal. can 1 to 1½ ft. 50c.
- BERBERIS Darwini (Barberry) (ES) Leaves like Holly. Yellow flowers, blue berries during Winter and Spring. Gal. can 1 to 1½ ft. 40c; field grown 2½ to 3 ft. \$1.
- Thunbergi (Thunberg's Japanese Barberry) (DS) Arching growth. Flowers yellow, berries red. Foliage beautiful in Fall. Gal. can 2 to 3 ft. 50c; field grown, 3 to 4 ft., \$1.00.
- \*Viridus (ES) Yellow flowers, blue berries. Gal. can 50c; field grown \$1.00.
- \*Vulgaris (DS) Golden yellow flowers. In Fall bright scarlet berries. Gal. can 2 to 3 ft. 35c; field grown 3 to 4 ft. \$1.00.
- \*Wilsoni (ES) Dwarf. Leaves glossy green, long spines. Flowers yellow. Red berries in Winter. Gal. can 2 to 3 ft. 40c; field grown \$1.00.
- \*BUXUS (Boxwood) (ES) Boxwoods are always indispensable. Pyramid shaped, 2 to 2½ ft. \$2.50; globe shaped 14 to 16 in. in diameter \$1.50.
- \*CALLISTEMON (Bottle Brush) Rigidus (ES) Flowers red, shape of a bottle brush. Gal. can, 3 to 4 ft. 40c.
- \*Lanceolatus (ES) Similar to C. Rigidus. Leaves shorter and broader. New shoots very ruddy. Free bloomer. Gal. can 3 to 4 ft. 40c.
- CALYCANTHUS, Floridus (DS) Sweet scented shrub. Flowers reddish brown. Entire shrub fragrant. Gal. can 2½ to 3½ ft. 50c ea.
- CAMELLIA (ES) Double pink, red or White. 1 to 1½ ft. \$1.25.

- CAROB (St. John's Bread) Ceratonia Siliqua (ET) Tree admirably adopted for avenue planting or single specimen. Gal. can 1 to 1½ ft. 50c.
- \*CARPENTERIA Californica (ES) Evergreen shrub, native of California. Profuse clusters of large, pure white flowers showing golden yellow stamens. Gal. can 3 to 4 ft. 60c.
- \*CASUARINA (Beefwood, She Oak) (ET) Slender street tree. Fast grower. Bunchy, reed-like foliage resembling a Pine. Gal. can 40c.
- CEANOTHUS Thyrsiflorus (Calif. Wild Lilac) (ES) Native California shrub. Foliage small and shiny, flowers blue, profuse. Gal. can 4 to 5 ft. 60c.
- \*CEDRUS (Cedar) (Con.ET) Atlantica (Mt. Atlas Cedar) Tall pyramidal tree. Foliage more irregular and open than C. Deodara. Gal. can 1 to 1½ ft. 60c; field grown 3 to 4 ft. \$1.50; 4 to 6 ft. \$3.00; 6 to 8 ft. (specimen) \$5.00; 8 to 10 ft. (specimen) \$7.50 ea.
- Atlantica Glauca (Blue Mt. Atlas Cedar) One of the most beautiful specimen coniferous trees. Like C. Atlantica but with intense silvery leaves. Field grown 3 to 4 ft. \$3.50.
- Deodara ("Deodar") Magnificent, stately evergreen conifer of pyramidal form. Foliage beautiful silver green. Excellent "outdoor Christmas tree." Branches drooping. Gal. can 1 ft. 60c; field grown 2 to 3 ft. \$1.50; 3 to 4 ft. \$2.00; 5 to 6 ft. 4.00.
- \*Libani—Similar to C. Atlantica, but slower grower and more compact. Gal. can 60c; field grown 3 to 4 ft. \$1.50; 4 to 6 ft. \$3.00; 6 to 8 ft. (specimen) \$5.00.



BRILLIANT BERRIES OF THE  
 BARBERRY

## EVERGREENS—FLOWERING SHRUBS

**CHAMAECYPARIS** *Lawsoniana Alumi* (Blue Lawson) (Con. ET) Metallic silver blue foliage. Habit of growth symmetrical. Branches flattened, very close together. Field grown 2 to 3 ft. \$2.00.

\**Lawsoniana* (Lawson Cypress) (Con. T) Color a rich green. Gal. can 60c; field grown 2 to 3 ft. \$1.25; 4 to 6 ft. \$2.50; 6 to 8 ft. \$3.50.

*Lawsoniana Elegans*—Same as Lawson with ends of branches light yellow. Field grown, 2½ to 3 ft. \$2.00.

*Lawsoniana Stewarti*—Golden foliage the year around, pyramidal form. Field grown 1 to 1½ ft. \$1.50.

*Lawsoniana Wisseli*—Dark green foliage, columnar form. Field grown, 1 to 1½ ft. \$1.50.

\**Pisifera Plumosa*—Small tree of conical outline with deep green, fern like foliage. Gal. can 2 to 3 ft. 60c.

**CHOISYA** *Ternata* (Mexican Orange) (ES) Bright green foliage; flowers white, fragrant, borne in clusters. 1 to 1½ ft. gal. can 50c; field grown 1½ to 2 ft. \$1.25.

**CHORIZEMA** *Ilicifolia*—Evergreen Holly-like foliage. Flowers pea-shaped, orange and red, small and profuse. Gal. can, 50c.

**CINNAMOMUM** (Camphor Tree) (ET)

*Camphora Officinalis*—Fine in groups or for street planting. Foliage dense, compact, light green. Gal. can 4 to 5 ft. 75c.

**COPROSMA** (Looking Glass Plant) (ES)

*Baueri*—Round, glossy foliage. Flowers small, followed by showy yellow berries. Gal. can, 1½ to 2 ft., 50c.

**CORCHORUS** (*Kerria*) (DS)

\**Japonica*—Numerous golden yellow flowers similar to small roses from April to October. Gal. can, 2 to 3 ft. 50c.

**CORNUS** (Dogwood) (ES)

\**Capitata*—Medium size shrub with cream color blooms. Gal. can, 4 to 5 ft., 50c.

**CORONILLA** (ES)

\**Glauc*a—Flowering shrub, gray-green foliage; flowers pea-like, deep golden yellow, intensely fragrant. Gal. can, 1½ to 2 ft., 50c.

**COTONEASTER** (ES)

\**Acuminata* (Himalayas) Grows erect, large showy red berries. Gal. can, 2 to 3 ft., 40c; field grown, 3 to 4 ft., \$1.00.

\**Francheti* (China)—Spreading variety with upright arching branches, dark green on top and silvery beneath. Orange-red berries in Winter. Gal. can, 3 to 4 ft., 50c; field grown, 4 to 5 ft., \$1.25.

\**Harrowiana*—New variety. Tall, graceful. Berries rosy-red, borne in masses. Gal. can, 1½ to 2 ft., 40c; 2 to 3 ft., 50c; field grown, 3 to 4 ft., \$1.25.

*Horizontalis* (Rock Cotoneaster) Two feet. Grows flat on the ground. Leaves dark green and small. Berries bright red, produce a beautiful effect. Gal. can, 1½ to 2 ft., 50c; field grown, 2 to 3 ft., \$1.25.

\**Microphylla* (Rockspray) (Himalayas) Low, dense growing shrub. Leaves round, dark green. Berries bright red. Gal. can 1½ to 2 ft., 50c; field grown, 2 to 3 ft., \$1.25.

\**Pannosa* (Silverleaf Cotoneaster) (Himalayas) Foliage soft gray-green. Under side of the leaves silvery in color. Masses of red berries remain all Fall and Winter. Gal. can, 3 to 4 ft, 50c; field grown, 2 to 3 ft., \$1.00; 6 to 8 ft., \$1.50.

\**Salicifolia* (Willowleaf Cotoneaster) (China) Upright, drooping variety with dark green leaves, red berries. Gal. can, 2 to 3 ft., 50c.

\**Thymifolia* (Rockspray) Low growing dense shrub. Round leaves, dark green foliage, berries bright red, borne on long stems. Gal. can, 1½ to 2 ft., 50c; field grown, 1½ to 2 ft., \$1.00.

\***CRYPTOMERIA**, *Araucoides* (Con. T) a beautiful tree with fine, feathery foliage. Symmetrical habit. Gal. can, 2 to 3 ft., 60c.

**CUPRESSUS** (Cypress) (ET)

\**Arizonica* (Arizona Cypress) Handsome tree, with brilliant silvery blue foliage. Growth rather compact, with somewhat stout branches. Gal. can, 2 to 3 ft., 60c; field grown, 6 to 8 ft., \$2.50.

\**Macrocarpa* (Monterey Cypress) Valuable for hedges, windbreaks and as a shelter along the sandy seashore. Gal. can, 3 to 4 ft., 60c; field grown, 6 to 8 ft., \$2.50.



HEATHER IS MASSED WITH BLOSSOMS

\**sempervirens fastigiata* (Italian Cypress) Tall, tapering branches erect, growing parallel with trunk. Generally used on each side of entrance or on outside corners of homes. Gal. can, 3 to 4 ft., 60c; gal. can, 3 to 4 ft., 75c; field grown, 4 to 6 ft., \$2.00; 6 to 8 ft. \$2.50.

**DAPHNE** (ES) A low growing shrub, fine for grouping and borders. Fragrant pink flowers. Gal. can \$1.00.

**DASYLIRON**—A highly ornamental desert plant. The leaves are very narrow, in countless numbers, forming a dome or globe shape. Flower stalks grow 8 to 10 feet high. Gal. can, 2 to 3 ft., 60c; field grown, 3 to 4 ft., \$2.50.

**DEERINGEA** *Celosioides Variegata*. Slender growing shrub with white margined leaves. Flowers white. Gal. can, 2 to 3 ft., 50c.

**DEUTZIA** (DS)

*crenata*—Graceful shrub with slender branches and effective foliage. Flowers in great profusion like Lily of the Valley. Fine for cutting. Gal. can, 2 to 3 ft., 50c.

**DIOSMA** (Breath of Heaven) (ES)

*ericoides*—An old favorite. Foliage very fine and delightfully scented. Small flowers, pure white borne in profusion. Gal. can, 1 to 1½ ft., 50c.

**ELAEAGNUS** (Silver Berry) (ES)

\**pungens*—Of spreading habit. Large pea-green foliage with wavy margin. Very attractive. Gal. can, 2 to 3 ft., 60c; field grown, 3 to 4 ft., \$1.50.

**ESCALLONIA**

\**berteriana*—A compact, quick growing shrub of erect habit. Dark glossy foliage. A continuous bloomer. Flowers white. Gal. can, 2 to 3 ft., 40c; field grown, 4 to 6 ft., \$1.50.

\**rosea*—Growth strong and upright. Foliage dark green and glossy. Flowers pink. Very handsome. Gal. cans, 3 to 4 ft., 40c; field grown, 3 to 4 ft., \$1.50.

*rubra*—Rounded, dark, glossy green foliage. Red flowers in large terminal panicles during the entire Summer. Of compact growth. Gal. cans, 1½ to 2 ft., 40c; field grown, 3 to 4 ft., \$1.50.

## VISIT OUR NURSERY



HYDRANGEA

**ERICA (Heather) (ES)**

- \**carnea*—Dwarf growing Heather, flowers bright rose, bell shaped. Very hardy. Gal. cans, 1½ to 2 ft., 50c.
- Mediterranean*—One of the most popular and hardy Heaths. Forms densely branched perfectly globular shrub, with dark green foliage. In Winter it is covered with tiny pink flowers. Gal. cans, 1 to 1½ ft., 50c; field grown, 1 to 1½ ft., \$1.00.

**EUCALYPTUS (ET)**

- \**globulus* (Blue Gum)—Foliage long and tapering; flowers yellowish white. One of the fastest growing evergreen trees. Gal. can, 6 to 8 ft., 60c.

**EUGENIA Hooker**—Excellent shrub of tall, compact growth. Foliage glossy green with a reddish-bronze hue on the new growth. Very sweet odored flowers. Gal. can, 1 to 1½ ft., 50c.

**EUONYMUS (ES)**

- \**albo-marginatus*—Upright growth, compact. Foliage silvery margined. Gal. can, 1½ to 2 ft., 40c; field grown, 2 to 3 ft., \$1.25.
- \**aureo-argentea* (Golden margined)—Leaves marked and edged with gold. Grows tall. Gal. can, 1½ to 2 ft., 40c; field grown, 3 to 4 ft., \$1.25; 4 to 5 ft., \$1.75.
- \**aureo-marginatus*—Compact dwarf variety. Leaves deep yellow toward edges, blotched in center with light and dark green. Gal. can, 1½ to 2 ft., 40c.
- \**Duc d'Anjou*—Dark green foliage striped with light green and yellow in center. Gal. cans, 2 to 3 ft., 40c; field grown, 3 to 4 ft., \$1.25.
- \**japonicus*—Dark lustrous green foliage. Dense upright habit. Fine for hedges or specimens. Gal. can, 1½ to 2 ft., 40c.
- \**pulchellus* (*microphyllus*)—A dwarf form with small dark green foliage, growing about three feet high. Fine for low edging. Gal. can, 10 in., 40c; field grown, 1½ to 2 ft., \$1.25.

**FEIJOA (Guava) (ES)**

- Pineapple*—Tall growing shrub bearing attractive red flowers, followed by delicious, aromatic fruit. Gal. can, 2 to 3 ft., 50c; field grown, 3 to 4 ft., \$1.50.
- \**Strawberry*—Handsome, compact shrub. Foliage glossy dark green. Flowers cream colored. Fruit deep claret, finely flavored. Gal. can, 1½ to 2 ft., 50c.

**FLAX**

- Phormium Tenax* (New Zealand Flax) Clear green foliage attaining a length of six feet or more, with flower stalks in proportion. Gal. can, 3 to 4 ft., 50c.

**FREMONTIA (ES)**

- californica*—Named after General Fremont, who discovered it in '46. Hardy, tall growing evergreen shrub bearing a profusion of large, golden yellow flowers. Gal. can, 2 to 3 ft., \$1.00.

**FORSYTHIA (Golden Bell) (DS)**

- intermedia* (*Border Forsythia*)—An erect shrub with arching branches. Bright yellow flowers in Spring before leaves appear. 1½ to 2 ft., 50c.

**FUCHSIA (ES)**—Pot grown, 20c each; \$1.50 per doz.

- Ballet Girl*—Sepals pure white, vivid carmine corolla.
- Black Prince*—Very large, double flowers. Sepals bright waxy-carmine, corolla pink.
- Mrs. E. G. Hill*—Double. Sepals bright crimson, large, white corolla.
- Phenomenal*—Double. Tube and petals bright carmine, corolla rich crimson-purple.
- Storm King*—Of dwarf habit. Sepals dark carmine, corolla white, shaded rose.

**GENISTA (Broom) (ES)**

- Hispanica* (*Spanish*) Free flowering, upright growing shrub. Flowers yellow, produced very freely in Spring and Summer. Gal. can, 3 to 4 ft., 50c.
- Canariensis*—A dense growing shrub. Foliage small, bright yellow. Gal. can, 3 to 4 ft., 50c.
- racemosus* (*Easter Broom*)—Very desirable for its free-blooming quality. Medium size shrub. Flowers bright yellow, fragrant. Gal. cans, 2 to 3 ft., 50c.
- \**scoparius* (*Scotch*)—Shrub with rigid branches, flowers large, clear yellow. Gal. can, 2 to 3 ft., 50c.

**GREVILLEA (ET)**

- \**robusta*—A large tree with fern-like foliage, covered with orange colored flowers late in Spring. Fine for avenue planting. Drought resistant. Gal. can, 4 to 5 ft., 50c.

**GRISELINIA**

- Littoralis*—Medium sized shrub with glossy leaves, similar to *Coprosma*. Gal. can, 3 to 4 ft., 50c.

**HAKEA (ES)**

- \**laurina*—A Winter-blooming shrub with foliage like Black Acacia. Flowers crimson with white stamens. Gal. cans, 4 to 5 ft., 50c.
- \**saligna*—Foliage pale green, flowers white. Gal. can, 3 to 4 ft., 50c.
- sauveolens*—A large rounded bush with curious needle-like foliage bearing white flowers. Gal. can, 3 to 4 ft., 50c.

**HYDRANGEA (DS)**

- Hortensis*—Popular garden shrub; foliage large, flowers light pink, or blue if planted in soil containing iron. Strong plants, 75c, \$1.00 and \$1.50 each.

**HYPERICUM (Gold Flower) (ES)**

- \**henryi*—Tall, bushy shrub; foliage blue-green; flowers golden yellow, flat, 2 inches in diameter. Gal. can, 3 to 4 ft., 40c.

**ILEX (English Holly) (ES)**

- aquifolium*—Ideal Christmas Holly. Foliage dark green and prickly. Berries bright red. Seedlings, gal. can, 50c; field grown, 2 to 3 ft., \$1.50.

**JUNIPERUS (Juniper) (Con. E)**

- chinensis mascula* (*Pyramidal Chinese Juniper*) Fine, medium sized fast-growing tree. Dense and compact with dark blue-green foliage. Field grown, 4 to 5 ft., \$2.50.
- \**chinensis pfitzeriana* (*Pfitzer's Juniper*) Bushy, wide-spread horizontal branches form an immense flat irregular head of bluish green foliage very graceful in outline. Gal. can, 1 to 1½ ft., 50c; field grown, 2 to 3 ft., \$2.00; 3 to 4 ft., \$3.50.
- \**chinensis procumbens* (*Japanese Creeping Juniper*) A dense, dwarf shrub with trailing branches and glaucous foliage. Gal. can, 1 to 1½ ft., 50c; field grown, 2 to 3 ft., \$2.00.
- \**communis hibernica* (*Irish Juniper*) Slender, erect, dense columnar growth. Needle-like, very glaucous foliage. Gal. can, 1 to 1½ ft., 50c; field grown, 1½ to 2 ft., \$1.00; 4 to 5 ft., \$2.00.
- \**excelsa stricta* (*Spiny Greek Juniper*) Slow growing. Of conical, regular form. Silvery, needle-like foliage. field grown, 1½ to 2 ft., \$1.50.
- \**sabina tamariscifolia*—Low growing, densely branched, trailing shrub with bright feathery foliage. Fine for rock work, banks, etc. Gal. can, 1 to 1½ ft., 50c; field grown, 1½ to 2 ft., \$1.50.
- virginiana* (*Red Cedar*) Beautiful tree of the Atlantic Coast. Deep green needle-like foliage turning ruddy in the Fall. Field grown, 4 to 5 ft., \$2.00.

## CONSULT OUR LANDSCAPE DEPARTMENT

**KOLKWITZIA (DS)**

**amabilis** (Beauty Bush) A beautiful ornamental shrub of medium height. Delicate pink flowers borne in great profusion. One of the best and newest deciduous shrubs. 1 to 1½ ft., 50c.

**LAGERSTROEMIA (Crape Myrtle) (DS)**

**\*indica rosea** (Pink Crape Myrtle) One of the best flowering shrubs or small trees. During the Summer they bear a mass of crinkled flowers resembling crape, in a beautiful pastel shade of pink. Gal. can, 3 to 4 ft., 50c; field grown, 3 to 4 ft., \$1.00.

**LAUREL (ES)**

**Carolina Laurel**—Large shrub or small tree. Dark green glossy foliage. Gal. can, 3 to 4 ft., 50c.

**English Laurel**—Fine, large glossy leaves. Effective Summer and Winter. Excellent for hedges, group planting for screening, and as individual specimens. Responds to trimming extremely well. Gal. can, 1 to 1½ ft., 50c.

**LAURUSTINUS (Viburnum) (ES)**

**\*tinus**—A shrub with rather small, wavy margined leaves. Flowers in broad clusters, pinkish in bud, white when fully open. Gal. can, 2 to 3 ft., 40c; field grown, 2½ to 3 ft., \$1.25.

**\*tinus variegatum** (Variegated Laurustinus) Same as above but with variegated foliage. Gal. can, 2 to 3 ft., 50c; field grown, 2½ to 3 ft., \$1.25.

**LEMON VERBENA (DS)**

**Lippia citriodora**—A fast growing shrub with delightfully fragrant foliage. Bears minute flowers in delicate pyramidal spikes. Gal. can, 1½ to 2 ft., 50c.

**LEONOTUS (Lion's Tail) (DS)**

**\*Leonuris**—A soft shrub with hairy stems; flowers brilliant orange tassel-like at each joint of the stem. Gal. can, 2 to 3 ft., 35c.

**LEPTOSPERMUM (Australian Tea Tree) (ES)**

**\*Laevigatum**—Large shrub with graceful, arching branches, foliage grayish-green, white flowers. Gal. can, 2 to 3 ft., 40c; field grown, 4 to 6 ft., \$1.50; 6 to 8 ft., \$2.00.

**\*scoparium**—Small foliage, flowers delicate pink. Gal. can, 1½ to 2 ft., 50c.

**LIBOCEDRUS (Con.T)**

**\*decurrens** (Incense Cedar) Native of California and Oregon. Vigorous habit, close growth with conical outline. Fine as a specimen or planted in groups. 2 to 3 ft., field grown, \$2.00; 3 to 4 ft., \$2.50; 4 to 5 ft., \$3.50.

**LIGUSTRUM (Privet) (ES)**

**California (ovalifolium)** The most popular hedge plant. Never troubled by insects. 2 to 3 ft., 60c per 10; \$5.00 per 100.

**\*Golden**—A golden yellow shrub of compact growth. Very showy. Gal. can, 3 to 4 ft., 50c; field grown, 3 to 4 ft., \$1.25.

**\*Japonicum** (Japanese Privet) Large, dark glossy green foliage. Gal. can, 4 to 5 ft., 50c.

**LILAC (DS)**

**French Varieties**—Double purple, pink and white. Field grown, 2 to 3 ft., \$1.00.

**LONICERA (ES)**

**\*nitida**—A handsome shrub with closely set, dark green leaves about a half inch long. Stands trimming well. Gal. can, 1½ to 2 ft., 40c; field grown, 3 to 4 ft., \$1.25.

**LOQUAT (Eriobotrya Japonica) (ET)**

Small evergreen tree, large heavy dark green foliage. Valued as ornamental and for its fruit. Gal. can, 50c.

**MAGNOLIA (ET)**

**grandiflora**—A handsome tree. Foliage bright, glossy green. Flowers pure white. Gal. can, 2 to 3 ft., 75c.

**MAHONIA (Oregon Grape) (ES)**

**aquifolium**—Native of Pacific Coast. Beautiful large, dark green foliage, serrated. Flowers golden, followed by bunches of blue berries. Gal. can, 1 to 1½ ft., 50c; field grown, 1½ to 2 ft., \$1.25.

**MYRTLE (Myrtus) (ES)**

**communis** (English) A beautiful shrub with small glossy aromatic foliage. White flowers followed by blue berries. Gal. can, 1 to 1½ ft., 40c; field grown, 2 to 3 ft., \$1.25.

**communis variegata**—Like preceding but with beautiful golden variegated foliage. Gal. can, 1½ to 2 ft., 50c; field grown, 1½ to 2 ft., \$1.25.



**CEDRUS DEODARA**  
(See Page 16)

**communis microphylla** (Small-Leaved Myrtle) Foliage exceptionally small and closely set. Very compact form. Gal. can, 10 to 12 in., 50c; field grown, 2 to 3 ft., \$1.25.

**MELALEUCA (ES)**

**\*armillaris**—Large shrub, foliage needle-like and light green. Flowers white, borne in spikes. All varieties drought resistant and fine for mass effect. Gal. can, 4 to 5 ft., 40c.

**\*decussata**—A tall shrub with grayish leaves, adorned drought resistant and fine for mass effect. Gal. can, 3 to 4 ft., 40c.

**diosmaefolia**—Resembles armillaris except for the leaves, which are much broader. Gal. can, 4 to 5 ft., 40c.

**\*hypericifolia**—Foliage oval flat, opposite and slender. Flowers of good size and orange-scarlet in color. Gal. can, 4 to 5 ft., 40c.

**NANDINA (ES)**

**domestica**—A leafy shrub resembling a dwarf bamboo in looks, foliage pink-tipped in Summer and a bronzy red in Winter. Berries scarlet-red. Gal. can, 1½ to 2 ft., 50c; field grown, 2 to 2½ ft., \$1.25.

**OLEANDER (ES)**

**Nerium oleander**—Large, bushy shrubs, free bloomers. Foliage long, slender, bright green. Double red, double pink and double white. Gal. can, 1 to 1½ ft., 50c; field grown, 3 to 4 ft., \$1.50.

**PALMS**

**\*Dracaena (indivisa)** Strong, slender trunk, foliage narrow and drooping. Gal. can, 2 to 3 ft., 50c; 3 to 4 ft., field grown, \$2.50; 4 to 5 ft., \$3.00; 5 to 6 ft., \$3.50.

**Phoenix (canariensis)** "Ornamental Date Palm"—Easily one of the best and most popular. Dense, immense crown of beautiful curving leaves, each 15 feet long and of pleasing dark green color. Very stately. Gal. can, 1½ to 2 ft., 60c.

**Washingtonia (gracilis) (W. robusta)** Very tall, stout trunks, surmounted with large fan-shaped leaves, with very few of the thread-like filaments characteristic of other varieties. Gal. can, 1½ to 2 ft., 60c.

**PAMPAS GRASS**

**\*Cortaderia argentea** (White or Silver-leaf) This pampas Grass from Argentina is appreciated for its beautiful silvery plumes. Gal. can, 4 to 5 ft., 50c.

**Roi Des Roses**—Similar to above except that the plumes open rosy-purple, fading to faint lavender pink. Gal. can, 4 to 5 ft., 50c.

# MAKE YOUR GARDEN A SHOW PLACE

## PARKINSONIA (ET)

*aculeata* (Jerusalem Thorn) Interesting shrub. Foliage double pinnate, small thorns on leaf stalks. Flowers yellow, fragrant. Hardy. Gal. can, 4 to 5 ft., 50c.

## PHOTINIA (Toyon) (ES)

*arbutifolia*—Christmas Berry of California. Gal. can, 1 to 1½ ft., 60c.

**PHILADELPHUS** (Mock Orange) (DS) A vigorous growing shrub with handsome foliage and fragrant showy white flowers. Gal. can, 3 to 4 ft., 50c.

**PHILADELPHUS** *virginal* (Ever-blooming Mock Orange) (DS) Semi-double white fragrant flowers much larger than any other variety. 1 to 1½ ft., 50c.

## PINUS (Pine) (Con.T)

\**canariensis* (Canary Island Pine). One of the finest. Very striking appearance. Leaves in tufts all over the tree. Gal. can, 3 to 4 ft., 60c; field grown, 6 to 8 ft., \$3.50; 8 to 10 ft., \$6.00.

\**halepensis* (Aleppo Pine) Rapid grower. Habit spreading. Leaves medium length, yellow-green. Does well any place in California. Gal. can, 3 to 4 ft., 60c; field grown, 6 to 8 ft., \$3.50; 8 to 10 ft., \$6.00.

*pinaster* (Cluster Pine) Grows to 100 feet. Branches sometimes pendulous, forming pyramidal head. Clusters of short cones. Gal. can, 3 to 4 ft., 60c; field grown, 6 to 8 ft., \$3.50; 8 to 10 ft., \$6.00.

\**pinea* (Italian Stone Pine) Slow growth. Developing into a beautiful, symmetrical and compact tree with a flat parasol-like head. 2½ in. pots, 25c; gal. can, 1½ to 2 ft., 50c.

\**radiata* (Monterey Pine) Handsome and picturesque tree growing upright, very rapidly. For windbreaks, reforesting, shelter and shade, the Pine has few equals. Gal. can, 3 to 4 ft., 50c; field grown, 4 to 6 ft., \$1.50.

## PITTOSPORUM (ES)

\**crassifolium*—Fast growing variety. Glauous foliage, dark green on one side and pale green on the other. Gal. can, 3 to 4 ft., 40c.

*eugenioides*—A large upright growing shrub with glossy yellowish-green leaves. A very effective shrub. Fine for hedges. Gal. can, 2 to 3 ft., 40c; field grown, 4 to 6 ft., \$2.50.

\**nigricans*—A very handsome upright growing shrub with silvery foliage and black stems. Fine hedge plant or individually. Gal. can, 1½ to 2 ft., 40c; field grown, 4 to 6 ft., \$2.50.

\**tobira*—A low-growing shrub with dark green, glossy leaves which broaden toward the end. Gal. can, 1½ to 2 ft., 40c.

*tobira variegata*—Variegated form of Tobira. Gal. can, 50c.

\**undulatum*—Small tree, often called a shrub. Deep green, glossy leaves. Fragrant yellowish-white flowers. Used very much for tall hedges. 2½ in. pots, 25c; gal. can, 1½ to 2 ft., 40c.

**PICEA** (Spruce) (Con.T) One of the most decorative evergreens growing straight and symmetrical. Exceptionally fine for Living Christmas Trees.

\**canadensis albertiana* (Black Hill Spruce) Remarkably bright in color, the foliage varying from green to bluish-green. 2½ in. pots, 25c; gal. can, 1½ to 2 ft., 60c.

\**excelsa* (Norway Spruce) European Xmas Tree. Compact, symmetrical, fast growing. Foliage light green, gracefully drooping. 4 in. pot, 1 to 1½ ft., 60c; gal. can, 1½ to 2 ft., 75c.

*pungens* (Colorado Spruce) Foliage varying from green to silvery white. Beautiful as a specimen or in groups. Gal. can, 1 to 1½ ft., 75c.

\**sitchensis* (Sitka Blue Spruce) Silvery blue. Most rapid grower. 2½ in. pot, 25c; gal. can, 1½ to 2 ft., 60c.

**PIMELIA** (Rice Flower) (ES) Brushy little shrub, small leaves. Flowers rose-pink borne profusely. Gal. can, 1 ft., 75c.

## PODOCARPOS (Con.T)

*macrophylla*—Valuable conifer of bushy, upright growth, somewhat resembling a Yew, but with broader, heavier foliage. Gal. can, 1½ to 2 ft., 60c; field grown, 3 to 4 ft., \$2.00.

## POLYGALA (ES)

*dalmatiana*—Moderate growing, globular shrub. Magenta pink flowers. Continuous bloomer. Gal. can, 1 to 1½ ft., 50c.

## POMEGRANATE (DS)

\**granatum* (Double Red) Very showy shrub with glossy green foliage, flaming scarlet blossoms and bronzed red fruit. Gal. can, 3 to 4 ft., 50c.

*granatum nana*—Very dwarf form of above. Field grown, 1 to 1½ ft., \$1.00.

## PRUNUS (Cherry) (ES)

*ilicifolia* (California Wild Cherry) Leaves Holly-like and ideal for holiday decorations. Wonderfully effective for hedges, masses or background planting. Gal. can, 50c; field grown, 4 to 6 ft., \$2.50.

*integrifolia* (Catalina Cherry) A native of Catalina Island. Foliage large, pointed and glossy deep green. Fine for hedges or singly. Gal. can, 2 to 3 ft., 50c; field grown, 4 to 6 ft., \$2.50.

**PYRACANTHA** (Burning Bush) (ES) One of the most popular evergreens for home planting, affording great masses of brilliant red and orange berries in the Fall and Winter when the garden is devoid of color.

\**angustifolia*—Growth spreading, leaves narrow. The berries borne in great abundance, are lemon at first, deepening later to ruddy orange. Gal. can, 3 to 4 ft., 40c; field grown, 4 to 5 ft., \$1.50.

\**crenolata*—Growth compact, leaves long, narrow and glossy. Berries clear, bright red. Earliest to color. Gal. can, 3 to 4 ft., 40c; field grown, 3 to 4 ft., \$1.50.

\**formosana*—Recent introduction and one of the best. Habit upright, foliage dark green. Berries large, deep red, and in very heavy clusters. Gal. can, 1½ to 2 ft., 40c; field grown, 3 to 4 ft., \$2.00.

\**lalandi*—A strong growing variety, making long shoots that can be trained against a wall if desired. Berries in clusters, orange yellow. Gal. can, 2 to 3 ft., 40c; field grown, 4 to 5 ft., \$1.50.

\**yunnanensis*—A vigorous growing variety with bright glossy foliage and beautiful bright coral red berries in clusters. Gal. can, 3 to 4 ft., 50c.

## RAPHIOLEPIS (ES)

\**ovata*—Ornamental shrub with stout upright branches and dark green, lustrous foliage. Covered in Summer with white flowers, followed by clusters of purple berries in the Autumn. Gal. can, 2 to 3 ft., 50c; field grown, 1½ to 2 ft., bushy, \$1.25.

## RHAMNUS (ES)

*alaternus variegatus*—Variegated form with smaller yellow variegated leaves. Gal. can, 3 to 4 ft., 60c.

*californica* (Calif. Wild Coffee) Fairly large shrub, leaves dark green, oblong, aromatic. Berries shaped like coffee, red turning to black. Gal. can, 2 to 3 ft., 40c.

**ROSEMARINUS** (Rosemary) (ES) Small irregular shrub, foliage linear. Flowers lavender color. Thrives well in dry soil. 2½ in. pot, 25c; 1 to 2 ft., gal can, 50c.

## SEQUOIA (Con.T)

*sempervirens* (California Redwood) Gal. can, 3 to 4 ft., 60c.

*gigantea* (Giant Sequoia) Famous big tree of Sierras. Beautiful at all stages. Gal. can, 1½ to 2 ft., 60c; field grown, 3 to 4 ft., \$2.00; 4 to 6 ft., \$3.50; 6 to 8 ft., \$6.00.

## SCHINUS (ET)

*molle* (California Pepper Tree) A popular shade and ornamental tree with fine, feathery foliage, producing clusters of reddish berries in the Fall. Fine for street or avenue planting. Gal. can, 3 to 4 ft., 50c.

## SPIRAEA (DS)

*cantoniensis*—Pure single white flowers. Graceful arching branches. Gal. can, 3 to 4 ft., 35c.

*cantoniensis flore-pleno* (Double Bridal Wreath) Same as above but with double flowers. Gal. can, 3 to 4 ft., 50c.

*thunbergi*—"Thunberg Spiraea"—Light green foliage, branching and arched. Flowers pure white and very early. 1 to 1½ feet, 50c.

*Van Houttei*—Moderate sized bush. Flowers pure white. Branches arching and drooping. Heavy bloomer. Gal. can, 3 to 4 ft., 50c.

# YOU WILL ENJOY SHRUBS YEAR AFTER YEAR

## STERCULIA (Bottle Tree) (ET)

*diversifolia*—An excellent evergreen street or specimen tree. Glossy green foliage, somewhat like maple. Flowers vary from pink to scarlet. Gal. can, 4 to 6 ft., 50c.

## SYMPHORICARPOS (Snowberry) (DS)

*racemosus*—Native shrub of spreading, arching growth, bearing small pink flowers and showy clusters of very large, clear white berries at ends of branches. Gal. can, 3 to 4 ft., 50c.

*vulgaris*—Red fruited Snowberry, also known as the Indian Currant. Gal. can, 3 to 4 ft., 50c.

## TAMARIX (DS)

*africana*—A tall slender irregular shrub with feathery foliage and small delicate pink flowers. Gal. can, 2 to 3 ft., 40c.

## TAXUS (Yew) (Con.T)

*baccata fastigiata* (Irish Yew) A beautiful conifer of columnar habit with dark green foliage. Bears red berries in the Fall. 3 in. pots, 6 to 8 in., 75c; field grown, 2½ to 3 ft., \$2.50; 3 to 3½ ft., \$3.50.

*baccata fastigiata variegata* (Golden Irish Yew) Golden form of preceding variety. Slower grower. Field grown, 1½ to 2 ft., \$3.00; 2 to 2½ ft., \$4.00.

*cuspidata* (Japanese Yew) Spreading form, 1½ to 2 ft., \$2.50.

## THUYA (Arbor Vitae) (Con.E)

\**occidentalis* (American Arborvitae) Symmetrical, compact shape. Branches flattened and overlapping. Foliage deep green. Gal. cans, 2 to 3 ft., 50c; field grown, 3 to 4 ft., \$1.50.

\**occidentalis pyramidalis* (Pyramidal American A. V.) Compact, pyramidal form. Habit similar to Italian Cypress. Beautiful, dark green foliage. Gal. cans, 2 to 3 ft., 50c; field grown, 2 to 3 ft., \$1.50; 3 to 4 ft., \$2.00.

*orientalis* (Chinese Arborvitae)—Compact, bushy shrub or small tree. Branchlets stand edgewise to the trunk. Foliage bright green, bronzy during winter. Gal. cans, 2 to 3 ft., 50c; field grown, 3 to 4 ft., \$1.50; 4 to 5 ft., \$2.00.

*orientalis aurea nana* (Berckman's Golden Arborvitae) Dwarf, compact and globular shrub. Golden the year around. 10 to 15 inches, \$1.25, field grown.

*orientalis beverleyensis* "Golden Column Arborvitae". Tallest and stateliest of Chinese varieties, 4 in. pots, 50c; field grown, 3 to 4 ft., \$1.50; 4 to 5 ft., \$2.00; 5 to 6 ft., \$3.00.

\**Rosedale*, Of dense, compact, globular habit. Foliage feathery, gray green in Summer, turning purplish bronze in Winter. Gal. cans, 1 to 1½ ft., 60c.

## THUYOPSIS (Con.T)

*dolobrata*—(Hatchet-Leaved Arborvitae) — Tree with flattened frond-like branchlets. Foliage dark green above marked with broad, glaucous lines beneath. Gal. cans, 1½ to 2 ft., 60c.

## VERONICA (ES)

Handsome dwarf shrubs, useful for grouping, borders, foregrounds and massing at the base of buildings.

*andersoni variegata*—Long foliage and fast growing. Variegated with white; flowers blue, in spikes. Gal. cans, 2 to 3 ft., 40c; field grown, 2 to 3 ft., \$1.00.

\**buxifolia* (Box Leaved Veronica)—Compact, dwarf; foliage small and glossy green; flowers in spikes one inch long and white. Gal. cans, 12 in. spread, 40c; field grown, 1 to 1½ ft., \$1.00.

*chathamica*—Spreading habit. Flowers in slender spikes, lavender color. Good for rockeries. Gal. can, 1-1½ in. spread, 50c.

\**decussata*—Flowers large, violet blue. Leaves medium sized and closely set. Rather dwarf. Gal. cans, 2 to 3 ft., 40c; field grown, 1½ to 2 ft., \$1.00.

*decussata variegata*—Flowers violet-blue. Leaves glossy green margined silvery white. Gal. cans, 2 to 3 ft., 40c.

\**glaucopylla*—A compact, dwarf shrub with bluish-green small leaves. Flowers white. Gal. cans, 1 to 1½ ft., 40c.

\**imperialis*—Compact shrub. Large, dark green foliage, tinged with red. Flowers in spikes, purplish. Hardy and free blooming. Gal. can, 1½ to 2 ft., 40c; field grown, 1½ to 2 ft., \$1.00.



THUYA BEVERLEYENSIS

## VIBURNUM (Snowball) (DS)

*opulus sterile*—Well-known shrub, bearing large, globular clusters of white flowers during the Spring. Foliage colors brilliantly in Fall. 2 to 3 ft., 60c.

## WEIGELA (DS)

*Van Houttei*—Upright and semi-spreading shrub. Does well in full sun or partial shade. Flowers rose-pink, borne freely. 2 to 3 ft., 50c.

*rosea*—Flowers pink. 2 to 3 ft., 50c.

*variegata*—Dwarf, compact growers. Leaves variegated and margined white. 2 to 3 ft., 50c.

## SHADE TREES

### BIRCH (DT)

*Betula alba* (European White Birch) White bark on limbs and trunk. As the tree ages the branches assume a drooping habit. Branched trees, 6 to 8 ft., \$1.50.

*Betula alba pendula* (Cut-leaf Weeping Birch) Like above but cut-leaved foliage and slender shoots from branches hang vertically. Branched trees, 6 to 8 ft., \$1.50.

### CRATAEGUS (Thorn) (DT)

*Hawthorn*—Double Red, Double Pink, Double White. 6 to 8 ft., \$1.50 each.

*Cordata* (Washington Thorn) A handsome small tree. Leaves triangular lobed, deep glossy green, assuming beautiful reddish tints in the fall. Berries red. 6 to 8 ft., \$1.50.

### EUROPEAN SYCAMORE

(Oriental Plane) One of the finest street trees. Maple-leaves, 6 to 8 ft., \$1.25.

**FLOWERING PEACH**—Beautiful, double pink flowers. 3 to 4 ft., 75c.

### FLOWERING PLUM

Purple leaved, Double pink flowers. 3 to 4 ft., 75c.

### MAPLE (DT)

*Acer platanoides* (Norway Maple) Large, handsome tree, rounded form. Branched trees, 6 to 8 feet, \$1.50.

*Acer platanoides schwedieri* (Schwedler's Purple-Leaved Maple) Purple-leaved form of above. Branched trees, 6 to 8 feet, \$1.50.

*Acer saccharinum* (Silver Maple) Large tree, rapid growing. Leaves variable, green above and silvery beneath. Branched trees, 6 to 8 ft., \$1.50.

### MOUNTAIN ASH (DT)

*Sorbus aucuparia* (European) Attractive tree of medium size. Flowers white in flat clusters, followed by large red berries. Branched trees, 6 to 8 ft., \$1.50.

### POPLAR (DT)

*Populus nigra italica* (Lombardy Poplar) Tall, narrow, columnar habit. Branched trees, 6 to 8 ft., \$1.50.

## NAVLET'S FIFTIETH BIRTHDAY GROUP OF

Superb new varieties, rare creations, re-selections, improved strains, All America Selection novelties, and importations of great merit, to add interest to your garden.

The following abbreviations and their meanings will serve to convey to readers the conscientious effort made to include only the most outstanding strains and cultures. Wherever possible, seed is secured direct from the Originator to insure superiority:

CH, Certificate of Honor; GM, Gold Medal; SM, Silver Medal; AM, Award of Merit; HC, Highly Commended; SpM, Special Mention; AAS, All America Selections; BDS, British Delphinium Society; CGS, California Spring Garden Show; RHS, Royal Horticultural Society.

**ASTER, Imp., New Giant of California Sunshine.** Herebefore, this lovely single Aster has been available only in mixed colors. We offer seed now in distinct shades. (See regular listing.)

Enchantress Pink, delicate shade of salmon pink; Lavender; Purple; White. Pkts. 25c each;  $\frac{1}{8}$ -oz. \$1.00; 4 Pkts. for 85c. Choice Mixed, Pkt. 20c;  $\frac{1}{8}$ -oz. 65c.

**ASTER, Imp., Crego, Wilt Resistant, "Blue Flame".** A bright Navy Blue, distinct from any other dark blue or purple. Large, comet type flowers, fully double. Immune to fusarium wilt. (See regular listing for other colors and mixed.) Pkt. 20c;  $\frac{1}{8}$ -oz. 65c.

**CALENDULA, "Orange Shaggy" (Cape Marigold).**

Another distinct break. Overlapping rows of long, fringed, deeply lacinated petals give a shaggy appearance. Deep orange shading lighter to center. Fine cutting stems. 18 inches tall. (GM, 1935 AAS) Pkt. 25c; 4 Pkts., for 85c.

**CLARKIA, "Glorious".**

This novelty is just as distinct a break in Clarkias as is Sybil Sherwood to Godetias. A brilliant crimson on a dark stem, and dark foliage. Pkt. 20c; 3 Pkts., for 50c.

**COSMOS, Early Klondyke "Orange Flare".**

Klondyke Cosmos is not a new variety. But "Orange Flare", a vivid orange, will bloom in less than four months. This is unprecedented in the flower world. Stems long and wiry. Splendid for cutting. (Grand Champion, GM, 1935 AAS) Pkt. 25c; 4 Pkts., for 85c.

**DAHLIA, Unwin's Dwarf Hybrids (Re-selected).** Free-flowering, dwarf Dahlias, 24 inches in height. Semi-dwarf blooms on wiry stems, well above the foliage. Bloom in about  $3\frac{1}{2}$  months from seed and continue until frost. Beautiful range of Dahlia colors. Originator's re-selected seed. Pkt. 20c.

**DELPHINIUM, Blackmore & Langdon Novelties.**

We are privileged to offer recent introductions and superior named varieties and mixed seed of this, the world's outstanding strain, in the Originator's own packets. (Note: We also list B&L., Columbine; Polyanthus Primrose; tuberous-Begonias; Gloxinias.)

**A. J. Moir, winner of BDS Gold Medal.** Semi-double flowers of extra good substance, and  $2\frac{1}{4}$  inches in diameter. The color—cornflower-blue with white eye, flecked blue. 5 ft. Mid-season.

**Blue Gown,** a perfect ultramarine blue self, semi-double with small white eye, shapely spike of open formation. Free and graceful grower with good secondary spikes. 6 ft. Mid-season.

**Donald Allan,** semi-double, bright azure-blue, white eye. Flowers of good size and substance. Spike is very shapely, broad at base and tapering to a point. 5 ft. Late.

**Dutchess of Portland,** semi-double, ultramarine-blue, small white eye—a truly wonderful color. This novelty surpasses all others in depth and richness. Well-shaped flowers.  $5\frac{1}{2}$  ft. Mid-Season. (Ask for list of other Gold Medal named varieties.) The above Novelties, Pkts., \$1.35 ea. Collection of one packet each variety \$5.00. (See Page 27.)



FAIRY PRIMROSE "TRUE ROSE"

**DIANTHUS, "Splendens".**

A most striking Dianthus. The flowers, (over 2 inches across) are a brilliant shade of velvety crimson, with a large boldly contrasting, glistening white eye. Easily raised from seed. (SpM, 1935 AAS) Pkt. 20c; 3 Pkts., for 50c.

**FAIRY PRIMROSE, "True Rose".**

This "Weihenstephan" strain produces 90% true, perfect carmine pink flowers. June, July and August sowings will produce plants to flower through winter and early spring, in protected, half shaded borders or beds. Pkt. 35c. 3 Pkts., for \$1.00.

(See Primula Malacoides, Page 33)

**ICELAND POPPY, "Unwin's Giant Coonara".**

A wonderfully improved and superior strain. Plants are far more vigorous with longer, stouter stems and much larger flowers in a superior color range. Shades of pink, salmon, pink, salmon-biscuit, old gold, etc. Originator's re-selected seed. Pkt. 25c. 4 Pkts., for 85c.

### FLOWER SEEDS

Delivered Postpaid at Prices Listed.

Much valuable information is to be found Pages 56 to 63.

# THE WORLD'S OUTSTANDING CREATIONS

## MARIGOLD, Carnation-flowered, "Yellow Supreme".

Creamy lemon-yellow or rich primrose yellow. Slightly larger flowers than its running mate "Guinea Gold". Free-flowering, odorless, 100% double. (GM, 1935 AAS) Pkt. 25c; 4 Pkts., for 85c.

## MARIGOLD, Dwarf African, "Primrose Queen".

Rich primrose flowers 3 inches across with flattish petals. Plants, but 18 inches tall, form perfect pyramids with 30 to 40 flowers fully open at the same time. (SpM, 1935 AAS) Pkt. 20c; 3 Pkts., for 50c.

## NASTURTIUMS, Bodger's Double Sweet Scented.

Plants are semi-dwarf, throwing short runners. Stems are long and bear the flowers well above the foliage, forming a solid mass of color. Noted for sweet scent, rich and brilliant colors.

"Glorious Gleam Hybrids" Finest Mixed. Large, well-formed doubles with characteristic "Golden Gleam" ruffling of petals. Evenly balanced blend of brilliant shades; salmon, golden yellow, orange scarlet, cerise, cream yellow, orange, maroon, crimson, and many spotted varieties. (AM, 1935 AAS) Pkt. of 15 seeds, 25c; 4 Pkts., for 85c.

"Scarlet Gleam". A fiery orange-scarlet—the most intensely dazzling color one could imagine. Plain petalled with overlapping small petals toward center of deep throat. (GM, 1935 AAS) (SM, 1934 CS GS). Pkt., of 12 seeds 25c; 4 Pkts., for 85c.

## PANSY, Swiss Roggli Giants.

We offer four additional new colors to our already rather complete listing of the world's outstanding Pansy strain.

**Eiger**—rich, dark yellow with dark brown eye.

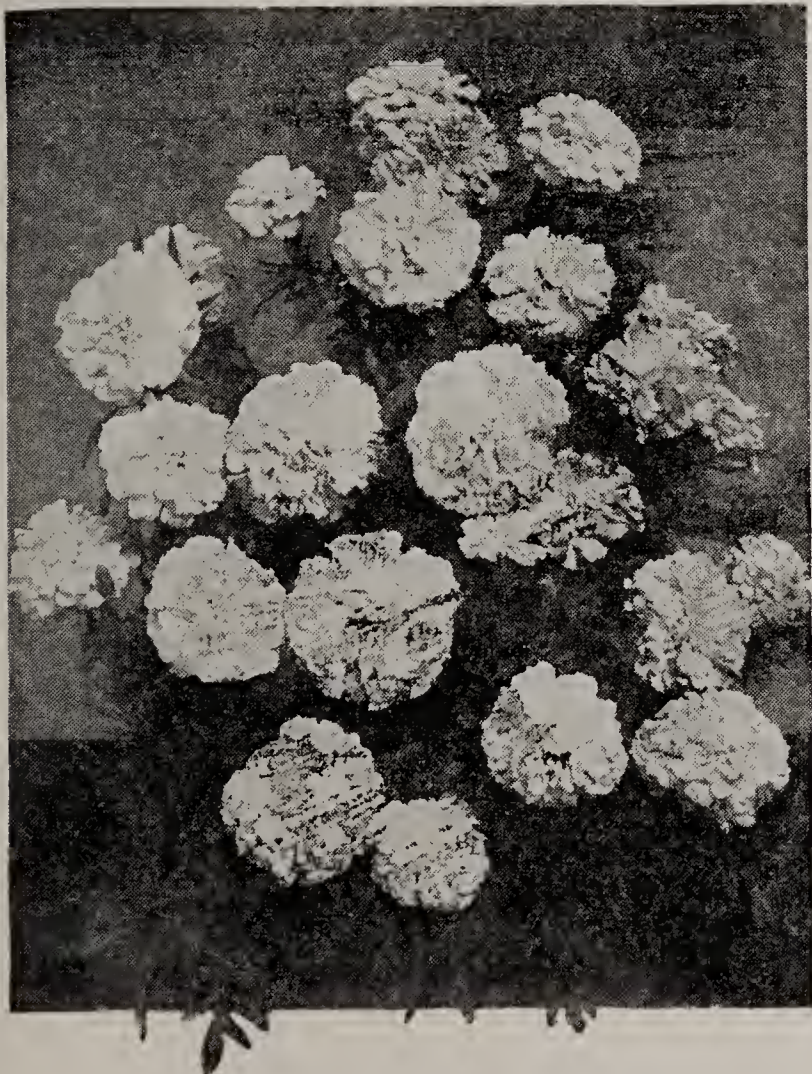
**Lucerne**—rich wine red, spotted with deep violet.

**Pilate**—light golden brown, spotted reddish-brown.

**Rigi**—bronze spotted golden brown, veined edges.

(See regular listing for other varieties)

Pkts. 50c each; 4 Pkts., for 85c.



MARIGOLD "PRIMROSE QUEEN"

## PETUNIA, "Martha Washington".

An entirely new break in Petunias. Lovely frilled or ruffled blooms, 3 inches across, of beautiful blush pink, with pelargonium-like veining of rich wine red, deepening to dark violet in throat. Grows about 9 inches high and forms a perfect ball effect. (AM, 1935 AAS) Pkt. 35c. (Supply very limited, order at once.)

## RUDBECKIA, Cone Flower, "Kelvedon Star".

A perfect flower for cutting, a sturdy and floriferous annual plant for bedding. Treat like a Zinnia. Blooms during summer months till frost. Flowers vary both in form and coloring, but all have dark brown central discs, surrounded by shining mahogany zones, on petals of deep orange. Pkt. 20c; 3 Pkts., for 50c.

## SNAPDRAGONS, "Rust Proof Strains".

Produces plants, 75% of which have clean, healthy foliage free from rust. (See Planter's Guide for method of eliminating all rusty plants.) (Certificate of Honor, 1935 AAS.) (See Page 61).

**Maximum Type.** Huge individual flowers on tall, massive spikes. Apple Blossom Pink; Bronze Shades Mixed; Canary Yellow; Crimson; Pink Shades Mixed; White; Splendid Mixed of all colors.

**University of California Mixture**—Contains a splendid combination of colors previously lacking in the original University strain.

Any of the above: Pkts. 25c each; 5 Pkts., for \$1.00.

## SWEET PEA "Fantasy Mixture".

Every flower is beautifully veined and watered, but the backs of the standards are self-colored. Orange, light and dark blue, all shades of pinks, chocolates, lavenders, maroons, helios, mauves, and a dozen others. The exceptionally fragrant scent is equal in every way to that of the old-fashioned types. Pkt. 25c; 4 Pkts., for 85c.

## TAGETES, "Little Gem"

This pretty, miniature Marigold, with slender fern-like foliage, has dainty, single, golden orange flowers on plants, six inches high with a spread of ten inches. One of the most satisfactory border and edging plants we know of. Pkt. 20c; 3 Pkts., for 50c.

## VERBENA, "Violet Bouquet".

A new companion to "Fireball". Plant 8 inches high and 8 inches in diameter. Deep violet tinged with garnet, changing to deep violet. The eye is cream. Individual florets  $\frac{3}{4}$  inches in diameter. Produces from 20 to 30 trusses of flowers at the same time. (SpM, 1935 AAS) Pkt. 20c; 3 Pkts., for 50c.

## VISCARIA, Tom Thumb "Innocence".

We already have "Love", bright rose; "Loyalty", true blue; and now "Innocence" pure white. This, dwarf, compact growing, large-flowered strain of Viscarias may be treated like Virginian Stocks. Mixed with sand and sow broadcast. Lovely single blooms, produced in great profusion. Pkt. 10c; 6 Pkts., for 50c. (See Pages 34 and 35).

## WALLFLOWER, Double Annual "Gold Standard".

Especially desirable because it will flower in five months from time of sowing. The pure golden yellow, richly fragrant blooms are a delight in the garden bed. Pkt. 25c; 4 Pkts., for 85c.

## ZINNIA, "Fantasy Mixed".

The most fascinating new Zinnia type in many years. Rounded medium sized flowers a mass of shaggy ray-like petals. Brightest shades of reds, yellow and orange, popular pastel pinks and cream. Grows 2 to 2½ feet tall. Fine for cutting. (AM, 1935 AAS) Pkt. 25c; 4 Pkts., for 85c.

KEY TO ABBREVIATIONS

(Planting Season)

J (January); F (February); M (March); A (April); Ma (May); Ju (June); Ji (July); Au (August); S (September); O (October); N (November); D (December); AYR (All year round).

(Habit and Nature)

- H (Hardy) Plants which resist average seasonal extremes of low temperature.  
HH (Half-hardy) Plants which require protection in extremes of low temperature.  
T (Tender) Plants which will not stand frost or extremes of heat. Some must be kept indoors as Conservatory or Greenhouse pot plants. Others may be planted outdoors only after danger of frost has passed in Spring.  
A (Annual) Plant which naturally completes its life cycle within one year.  
B (Biennial) Plant which lives two years, blooming only or mostly, the second year.  
P (Perennial) Plant which lives more than two years.  
C (Climber) Plant which requires support.  
R (Rock Garden or Border Plant) Plants which are of dwarf and compact habit, suited to use as single plants in Rock Gardens, etc., or in groups for borders, edgings, ground covers, etc.  
Tr (Trailing) Plants which spread or run over the ground, for covering banks and slopes, for low walls and semi-climbing conditions.  
HA (Hardy Annual); HHA (Half-hardy Annual); TA (Tender Annual); HP (Hardy Perennial); HHP (Half-hardy Perennial); TP (Tender Perennial); HB (Hardy Biennial).  
\* (Indicates a superior strain).  
† (Indicates a novelty).  
"Formula Mixed," in each instance, our own blend of the listed named varieties in which "off-colors" and predominance of white or some one color is avoided. The price is therefore slightly more than average mixtures because of superior color harmony.

Kindly refer to Garden Guide, Pages 56 to 63.

FLOWER SEEDS DELIVERED POSTPAID

- ABRONIA Sand Verbena (HA-Tr-R) S-A.  
umbrellata-Rosy lilac, Verbena-like trusses. Thrives in sunny, sandy or dry spots. Pkt. 10c, ¼ oz. 25c.  
ABUTILON Flowering Maple (HHP, 3½ ft.) M-Ma.  
hybridum-white, yellow, rose, bell-shaped flowers. Maple-like leaves. Pkt. 10c.  
ACHILLEA Sneezewort, Yarrow (HP, 2 ft.) Ma-S.  
Ptarmica, the Pearl—Cluster heads of small double, satiny, white blooms. Long flowering season. Fine for cutting. Pkt. 15c.  
AGATHEA Blue Marguerite (HP, 1 ft) Ma-S.  
coelestis—Daisy-like, sky-blue flowers with yellow discs. Everblooming. Pkt. 10c.  
AGERATUM Floss Flower (HHA) F-Ma.  
mexicanum—Compact clusters of small, feathery blooms. Happy in sunny borders and beds.  
Blue Perfection 9 in.—Amethyst-blue. Pkt. 10c; ¼ oz. 30c.  
†Blue Cap 4 in.—Miniature domes of rich, deep blue, obscuring tiny foliage. Pkt. 15c; 1/16 oz. 50c.  
ALYSSUM Mad Wort (HA-R) AYR and (HP-R) Ma-S.  
Ideal for borders, edgings and rockery. Cut early flowers for continuous bloom.  
Carpet of Snow 4 in.—Snowy masses of white, entirely obscure foliage. Prized for edgings. Pkt. 10c; ¼ oz. 25c; oz. 75c.

- Lilac Queen, Improved 7 in.—Rich, light lilac. Erect and compact. Pkt. 10c; ¼ oz. 25c; oz. 75c.  
Saxatile Compactum (Gold Dust) (HP, 1 ft.) Compact habit. Single plant covers a square foot in a year. Wealth of golden blossoms obscuring grayish foliage. Pkt. 10c; ¼ oz. 50c; oz. \$1.50.  
†Saxatile "Silver Queen" (HP, 1 ft.) Bright sulphur-yellow companion to Gold Dust. Splendid interplanted with it. Pkt. 15c; ¼ oz. \$1.50.  
Sweet Alyssum 12 in.—Honey-scented clusters of tiny white flowers. Pkt. 10c; oz. 35c; 4 ozs. \$1.00.  
AMARANTHUS (HHA, ⅔ ft.) F-Ma. Brilliant contrasts of color in its foliage. Thrives in poor soil, and in a sunny spot.  
Joseph's Coat—Brilliant red, yellow and green, splashed foliage. Pkt. 10c.  
Love-lies-bleeding—Fast grower. Long, pendant dark red racemes. Pkt. 10c.  
ANCHUSA Alkanet—Graceful sprays with clusters of small Forget-me-not-like blue flowers, forming a luxuriant bouquet.

- †Blue Bird (HA, 1½ ft.) Au-M. Vivid indigo blue. Very compact habit, with flowers in a luxuriant bouquet at the top of the plant. (SpM, 1935 AAS) Pkt. 15c; ¼ oz. 40c.



ARCTOTIS

- Italica Lissadell (HP, 5 ft.) Ma-S. Improved Dropmore. Clear gentian blue. Pkt. 15c; ¼ oz. 35c.  
ANEMONE Windflower (HP, 1 ft.) M-Ji.  
coronaria—Delicate, poppy-like blooms with velvety, tufted centers on strong stems. Rub seed with sand.  
†St. Brigid (Creagh Castle Strain)—Enormous extra fine blooms on stiff cutting stems, good proportion of red shades. Pkt. 25c; ⅛ oz. \$1.00.  
ARCTOTIS African Daisy (HA) S-Ma. Sun-loving bushy plant. Very ornamental. Prized for cutting.  
African Lilac Daisy 2½ ft.—Pure white with blue disk, lilac reverse. Pkt. 10c; ¼ oz. 25c.  
†Hybrida 1 ft.—Warm shades of brilliant orange, yellow and red with dark centers. Pkt. 20c; ⅛ oz. \$1.25.  
ASPARAGUS FERN (HHP) J-Ma. Prized for feathery sprays of foliage. Soak seeds.  
Emerald Feather (Sprengeri)—Drooping habit. Ideal for hanging baskets. Pkt. 10c; 100 seeds 35c.  
Lace Fern (Plumosus Nanus)—Airy potted plant and fine for bouquets. Pkt. 10c; 100 seeds 35c.

**ASTER (HHA) F-Ju.** Ideal for brilliant Summer and Fall Garden display. Remarkable keeping qualities when cut. Sow in boxes and transplant.

†**Improved New Giant California Sunshine** 3 ft.—The most beautiful Aster in the world. Huge blossoms 4-6 inches across on stiff cutting stems. The single flowers are very large and graceful, with a single row of guard petals and unique yellow quill-like center disc. See Novelty Page 22, for price of separate colors and mixed seed.

†**Improved Giants of California Curled and Interlaced** 3 ft.—The aristocrat of double Asters. Vies with Chrysanthemums in size of flower and long stems. Broad, graceful petals. Stems 2-2½ ft. long. Dark Purple; Carmine Rose; Deep Rose; Light Blue; White; Formula Mixed. Pkts. 15c; ⅛ oz. 50c.

†**Mignon Mixed** 1¼ ft.—Improved form of dainty button-like Asters. Each plant is a bouquet in itself. Pkt. 15c; ⅛ oz. 50c; ¼ oz. 90c.

†**New Super Giant "Los Angeles"** 3 ft.—Earlier, larger, more artistic, deeper and fuller center. The first of a new race. Pure shell pink. Pkt. 25c.

†**WILT RESISTANT ASTERS (HHA) F-Ju.** Practically immune to the troublesome Fusarium Wilt Disease which causes so much disappointment to Gardeners.

†**American Branching** 3 ft.—Regular and symmetrical flowers. Spreading habit. Full double with evenly incurved petals. Azure Blue or dark lavender; Crimson; Purple; Shell Pink; White; Formula Mixed. Pkts. 15c; ⅛ oz. 50c; ¼ oz. 90c.

†**Blue Flame** (See Novelty Page 22).

†**Improved Crego** 2½ ft.—Large, double, well formed flowers, robust plants, branching habit. One of the finest for all purposes. Cattleya, orchid; Crimson; Deep Rose; Peach Blossom, lavender pink; Purple or Dark Blue; White; Formula Mixed; Pkts. 15c; ⅛ oz. 50c.

**HARDY ASTER Michaelmas Daisy (HP, 2½ ft.) Ma-S.** Profusion of daisy-like, single blooms of lilac to mauve with orange discs in great profusion during June and July. Splendid for border and rockery. Pkt. 15c.

**AUBRETIA Rainbow Rock Cress (HP-R, 6 in.) Ma-S.** Beautiful dwarf, hardy plant. Suited for borders and rockeries. Charming companion to yellow Alyssum. Blooms in early Spring.

†**Large-flowered Hybrids Mixed.** Many unusual purples, carmine, crimson, etc., not available separately. Pkt. 15c; 1/16 oz. 65c.

**AUSTRALIAN PEA VINE (HHP-C) Ma-S.** Has no superior. Fast-growing evergreen climber. Large clusters of rose flowers. Pkt. 10c; ¼ oz. 30c.

**BALSAM Lady Slipper (TA, 1½ ft.) F-Ju.**  
Camellia-flowered Mixed—Giant, perfect, camellia-like blooms in brilliant colors with brittle stems and foliage. Likes partial shade and moisture. Pkt. 10c; ¼ oz. 25c; oz. 75c.

**BARTONIA Blazing Star (HA, 2½ ft.) S-M.**  
*aurea*—Free-flowering, showy California Native. Foliage gray and thistle-like. Bright, golden-yellow, five-petalled single blooms. Fragrant at eventide. Sow broadcast. Pkt. 10c; ¼ oz. 20c; oz. 50c.

**BEGONIA, Tuberous-rooted. (HHP) D-M.**  
Blooms the first year from seed, usually during August and Sept. Unsurpassed as a pot plant. Superb in the open garden bed, sheltered from afternoon sun. We offer only B&L., Strain, awarded over 142 Gold Medals, in Originator's own sealed packets. Colors include white, blush, pink, rose, salmon, scarlet, crimson, yellow, orange, picotee edged, etc.  
**Gold Medal Choicest Double.** Huge, glistening, waxy blooms, beautifully double. The brilliance and diversity of the colors are all that can be desired. Mixed. Pkt. 75c.

**Gold Medal Crested.** The crested growth on each of the four petals present a curious and rather fantastic appearance, being often of a different tint to the ground color. Mixed. Pkt. 75c.



GIANT OF CALIFORNIA ASTERS

**Gold Medal "Fascination".** Beautifully frilled petals with a margin of scarlet and rose on a ground color of yellow or white. Mixed. Pkt. 75c.

**Gold Medal Fimbriata Plena.** A very pretty strain of doubles, the frilled petals being deeply serrated like *Dianthus laciniatus*. Mixed. Pkt. 75c.

**Gold Medal Pendula (Hanging Basket Type)** A charming and effective type to grow in hanging baskets and pots and bowls. Sprays of rose, salmon, pink, and other rich tones. Mixed. Pkt. 75c.

**Gold Medal Single Frilled.** Extremely beautiful class. Edges of petals are deeply frilled, giving the flowers a unique charm. Mixed. Pkt. 75c.

Collection of 1 packet each of above \$4.25.

**BEGONIA Fibrous-rooted (HHP) J-M & Ju-Au.**

*luminosa*—Fine fiery-scarlet with reddish-brown foliage. Pkt. 25c.

*Prima Donna*—Large, limpid rose, shading to carmine with green foliage. Pkt. 25c.

*Salmon Queen*—Bright salmon-red with brownish-red foliage. Pkt. 25c.

*semperflorens*—Everblooming, small-flowered sorts for beds and borders in sun or partial shade.

*Vernon*—Deep scarlet with bronze-red foliage. Pkt. 15c.

**BROWALLIA Amethyst (HHA, 1½ ft.) F-Ju.**

*elata*—Elegant plant for bedding and cutting. Bright violet-blue flowers. Pkt. 10c; ¼ oz. 50c.

**CACTUS (TP) F-Ma.** Sow seed in equal parts sterilized river sand and peat. Fine assortment of species and classes. Very easy to grow. Pkt. 25c.

**CALENDULA Pot Marigold (HA, 1½ ft.) AYR.** Showiest and most desirable for garden and cutting. Bushy plants with disc-like double flowers. Dense green leaves.

*Campfire (Sensation)*—Giant, bright orange with scarlet sheen. Pkt. 15; ¼ oz. 35c; ½ oz. 60c; oz. \$1.00.

†**Chrysantha**—Long, wide, drooping petals, globular outline. Clear butter-cup yellow. Remarkably like a Chrysanthemum. (GM, 1934 AAS) Pkt. 25c.

**Double Art Shades**—Delicate apricot, picotee, orange, cream, buff. Medium-size blooms. Mixed. Pkt. 15c.

**Lemon Queen**—Rich lemon-yellow. Pkt. 10c.

**Orange King**—Very double, large, deep orange-red. Dark center. Pkt. 10c; oz. 40c.

†**"Orange Shaggy"**—See Novelties, Page 22.

**Radio**—Deep orange, quilled petals. Pkt. 10c; ½ oz. 30c; oz. 50c.

†**Radio "Golden Beam"**—Golden counterpart of "Radio". Fine cutting stems. Pkt. 20c.

**Double Mixed**—Pkt. 10c; oz. 25c; ¼ lb. 85c.



CALENDULA  
ART SHADES  
See Page 25

**CALCEOLARIA hybrida** (Slipper Flower) Fantastic tiger-spotted, pouch-shaped blooms in gorgeous colorings.

\*Covent Garden Strain (TB, 16 in.) Ma-Ju. Unexcelled prize varieties for indoors. Pkt. 50c.

†Albert Kent Hybrids (HB, 16 in.) Ju-S. For pot or outdoor culture. Many varied colors. Medium sized blooms, much larger than other hardy strains. Pkt. 75c.

\*Rugosa Major (HP, 1½ ft.) Ma-S. Superb, small-flowered, shrubby type. Gold, maroon, bronze, yellow, etc. Plant in semi-shade. Pkt. 50c.

**CALIFORNIA NATIVE FLOWERS MIXED** S-M. Contains over 30 varieties. Very colorful. Broadcast and rake in. Pkt. 10c; oz. 50c; 4 ozs. \$1.50.

**CALLIOPSIS Tickseed** (HA) F-Ju. Sun-loving, free-flowering Coreopsis-like blooms. Shades of golden yellow, maroon, garnet, etc. Fine for cutting. Sow broadcast and rake in.

Tall Mixed 3½ ft. Pkt. 10c; ½ oz. 20c.

Bicolor Dwarf Mixed 9 in. Pkt. 10c; ½-oz. 35c.

**CAMPANULA Bellflower** (HP) Ma-S. Bell-shaped blooms in cooler tones. Very easy of culture. Many interesting forms. Light, rich soil, partial shade.

*carpatica* (Harebell) 9 in. Dainty blue bells. Compact dwarf foliage. Pkt. 10c.

Medium (Single Canterbury Bells) 3 ft. Branching plants heavily loaded with large pendant bells. Dark Blue; Lavender; Pink; White; Formula Mixed; Pkts. 10c ea.; ¼-oz. 25c.

Medium *calycanthema* (Cup and Saucer) 3 ft. Each bell has saucer-like brim. Dark blue; Lavender; Rose; White; Mixed; Pkts. 15c ea.

*persicifolia* (Peach Bell) 4 ft. Broad, shallow blooms. Blue; White; Mixed; Pkts. 15c. ea.

*pyramidalis* (Chimney Bellflower) 6 ft. Long spikes of starry bells. Thrives in warm, dry spot. Blue; White; Mixed; Pkts. 10c ea.

†ANNUAL CANTERBURY BELLS (HHA, 2½ ft.) F-Ma. Bloom in less than 6 months from seed. Seed sown in Feb., produces blooming plants in July, etc. 6 to 8 splendid cutting spikes of sparkling single bells to the plant.

Angeles Bell—Beautiful art shade of Deep Rose.

Liberty Bell—Intense Violet-Blue. (AM, 1934 AAS) Separate colors. Pkts. 25c ea.

Choice Mixed—Contains dark blue, light blue, pink rose and white. (GM, 1933 AAS) Pkt. 20c.

**CANDYTUFT Iberis** (HA) AYR. Very hardy and easy of culture. Popular for massing. Tall sorts make fine cut flowers. Sow broadcast. Enjoys sunshine.

\*Rose Cardinal—A new and striking shade of deep rosy-cardinal. Pkt. 10c; ½-oz. 40c.

*umbellata* 1 ft.—Flat, tight clusters of small florets, for cutting and garden effect. Carmine; Lavender; White; Formula Mixed; Pkts. 10c ea.; oz. 50c.

*umbellata hybrida nana*. 6-in.—These dwarf, compact hybrids come in a splendid color range. Pkt. 10c; ¼-oz. 25c; oz. 75c.

**CANDYTUFT Iberis** (HP, 1 ft.) Ma-S. The hardy perennial form, likewise easy of culture. Sow seeds in boxes and transplant.

*gibraltarica*—Flat clusters of lilac, shading to white. Pkt. 10c; ¼-oz. 50c.

**CANNA Indian Shot** (HP, 4 ft.) F-Ju. Long stalked flower with vivid flower heads. File or soak seed before planting. Crozy's Hybrids Mixed; Pkt. 10c.

**CARNATION** (HP, 2 ft.) Au-M. Prized, large, double, spicy-scented flowers in rich hues, are produced almost continuously a few months from seed. Vie with the Florists' strains as cut flowers.

Chabaud's Giant Improved—Splendid strain producing 90% double flowers, in a fine range of colors. Pkt. 15c; ⅛-oz. 40c.

\*Enfant de Nice—Surpasses all others in magnificence. Long, strong cutting stems, bearing flowers 2½-3 in. across in six months from seed. Red; Rose; Salmon; Striped; White; Formula Mixed; Pkts. 25c ea. Originator's seed.

**CASTOR BEAN Ricinus** (HHP, 10 ft.) M-Ju. Huge leaves of lustrous bronze and brilliant green. Mixed. Pkt. 10c; oz. 20c.

**CELOSIA** (TA) F-Ma. Showy, sun-loving plants. Odd and brilliant flower masses.

*Childsii* (Chinese Wool Flower) 2 ft.—Red and yellow. Like balls of yarn. Pkt. 10c.

*cristata* (Cockscomb) Glasgow Prize 6-8 in.—Ruffled, velvety-crimson comb. Pkt. 10c.

*plumosa* (Feathered) 2½ ft.—Stately, feathery bright colored plumes. Pkt. 10c.

**CENTAUREA** (HA, 3 ft.) S-Ma. Splendid subjects for garden effect and cutting.

*Cyanus* (Bachelor Button, Cornflower)—Sow outdoors or in boxes to transplant. Double blooms. Blue, Rose; Ruby; Formula Mixed; Pkts. 10c ea.; ¼-oz. 25c.

*Imperialis* (Royal Sweet Sultan)—Delicately scented, thistle-like blooms. Brilliant Rose; Deep Lavender; Amarath Red; Formula Mixed; Pkts. 10c ea.; ¼-oz. 25c.

*Odorata Suaveolens* (Yellow Sweet Sultan)—Fragrant yellow. Pkt. 10c; ¼-oz. 30c.

**CHEIRANTHUS** (HB-R) Au-M. A group of worthy garden flowers deserving of greater use.

*Allionii* (Siberian Wallflower)—1½ ft. Rich four-petalled flowers of dazzling orange. Loves sun. Blooms all season if flowers are picked. Pkt. 10c; ¼-oz. 25c.

*linifolius* (Alpine Wallflower) 9 in.—Beautiful species. Free-flowering. Lilac-mauve. For dry rockery and borders. Pkt. 20c.

**CHRYSANTHEMUM** (Single Annual) (HA, 2 ft.) F-Ju. Summer blooming varieties. Robust, easy to grow. Make a fine summer border display. Daisy-like blooms on stiff cutting stems.

*carinatum tricolor* Mixed—Copper, white, purple, golden chamois shades with yellow and scarlet zones. Pkt. 10c; ¼-oz. 20c.

*segetum mixed*—Primrose, golden yellow, white, pale primrose petals enhanced by rich contrasting centers. Pkt. 10c; ¼-oz. 25c.

†Segetum "Eldorado" (New)—bright canary yellow with a large dark mahogany disc. (SpM, 1934 AAS) Pkt. 15c; ¼oz. 60c.

†CHRYSANTHEMUM (Cascade) (HP-Tr, 2 ft.) F-Ma. Small-flowered, singles. Trailing habit. Blooms six months from seed. Vivid scarlet, crimson, bronze, orange, yellow shades. Mixed. Pkt. 25c.

†CHRYSANTHEMUM Mawii (HP, 1 ft) F-Ma. Splendid for border or rockery. Rich pink, single blooms 2 in. across. Dainty silvery foliage. Unique and different. Pkt. 25c.



CHRYSANTHEMUM MAWII  
(See Page 26)

**CINERARIA** (HHA, 1-2 ft.) Ma-O & D-M. Large trusses of daisy-like flowers. Rich and varied shades. Shaded spots or pot plants.

\*Navlet's Prize Strain 1½ ft.—Saved from a prize collection of pot-grown plants. Prized for compact habit and enormous blossoms often 4 in. across. Pkt. 35c.

\*Semi-dwarf Strain 1 ft.—Extra fine, large flowers. Rich and beautiful colors. Compact habit. Pkt. 25c.

stellata (Star-flowered) 3 ft.—Immense heads of tiny star-shaped flowers. Pkt. 25c.

**CLARKIA elegans double** (HA, 2 ft.) S-Ju. Delicately colored double flowers on good cutting stems. Sow broadcast or in boxes.

Dorothy, Dorothy Perkins Rose shade; Purple Prince, rich purple; Queen Mary, rose-carmine; Salmon Queen, salmon-pink; Vesuvius, orange-scarlet; Formula Mixed. Pkts. 10c ea.; ¼-oz. 30c.

†Glorious (New)—See Novelty Page 22. Pkt. 20c.

**COBAEA SCANDENS** (Cathedral Bell) (HHP, 25 ft.) Au-M. Deep violet-blue bell-shaped flowers. Rapid climber for sunny spots. Pkt. 10c.

**COLEUS hybridus** (TP, 2 ft.) M-Ma. Richly colored ornamental foliage plants. Pkt. 25c.

**COLUMBINE Aquilegia** (HP) A-S. Of delicate, refined beauty, graceful form. Thrives in semi-shaded spots.

\*B & L Exhibition Strain 3 ft.—An exclusive specialty. Gorgeous long-spurred white, pink, salmon, pale and deep blues, rose, bronze, ruby, orange, yellow and other shades. Originator's seed. Pkt. 35c.

caerulea (Rocky Mountain) 2 ft.—Violet-blue and white. Long spurs. Pkt. 15c.

†Crimson Star 2½ ft.—Large blooms with sepals and spurs of deep blood crimson. Cream petals. Blooms profusely. Originator's seed. Pkt. 25c.

\*Dobbie's Imperial Hybrids 3 ft.—Selected and re-selected. Gold Medal of RHS. Splendid color range. Tints of mauve, lilac, lavender, heliotrope among the blues. Reds show every graduation from palest pink to bright scarlet. Originator's seed. Pkt. 25c.

\*W-F. Long-spurred Blue Shades. 3½ ft.—Absolutely the finest strain in existence. The result of years of careful selecting. Huge flowers. Originator's seed. Pkt. 25c; 1/16-oz. \$1.00.

Long-spurred Orange and Scarlet Shades. Pkt. 25c.

Long-spurred Rose and Pink Shades. Pkt. 25c.

Long-spurred Hybrids Mixed. Pkt. 15c; ¼ oz. 50c.

**COREOPSIS grandiflora** (HP, 3 ft.) Au-M. Bright daisy-like flowers with broad, fluted petals.

\*Mayfield Giant—Tallest, most vigorous; longest stems; largest single blooms. Intense golden yellow. Pkt. 15c; ¼ oz. 50c.

\*flora plena—Golden yellow. Semi-double flowers. Pkt. 10c; ¼ oz. 35c.

**COSMOS** (HHA) F-Ju. Feathery, light green foliage. White, pink, crimson, single blooms.

Early Express Single Mixed 2½ ft.—Blooms in 45 to 60 days. Pkt. 10c; ⅛-oz. 20c.

Hybrida Klondyke "Orange Flare" (New)—See Novelty Page 22. Pkt. 25c.

Late Double Crested Mixed 4 ft.—Raised central crest of small petals. Pkt. 15c.

Late Single Giants Mixed 4 ft.—Tall growing strain. Pkt. 10c; oz. 50c.

**CYNOGLOSSUM amabile** (HP, 1½ ft.) Ju-M. Sun-loving Chinese Forget-me-not. Easy to grow.

Blue—Turquoise blue. Pkt. 10c; ¼ oz. 25c.

\*Fairy Blue—Bright Cambridge Blue. Pkt. 15c; ¼-oz. 50c.

†Pink—Rich deep pink. Pkt. 15c; ¼-oz. 50c.

**DAHLIA** (HHP, 4 ft.) J-A. Selected mixtures from best named varieties. Bloom first season.

Decorative & Cactus Mixed—Seed saved from splendid collection. Pkt. 25c.

Selected Hybrids—Carefully selected seed from prize winning parents. Pkt. of 25 seeds 75c; 100 seeds \$2.50.

†Unwin's Dwarf Hybrids (Re-selected) (New)—See Novelty Page 22. Pkt. 20c.

†DAISY Chiffon (HP, 1 ft.) Ma-S. Unique pure white fluffy blooms, yellow centered. Slender, twisted petals. Tips curled and imbricated. Fine for cutting. Pkt. 25c.

**DAISY Double** (Bellis Perennis) (HP, 6 in.) Au-M. Also known as English Daisy. Extra large double flowers all Spring and Summer.

Etna—Quilled, brilliant red. Pkt. 25c.

Giant Rose—light rose; Giant White; Giant Choice Mixed; Pkts. 15c; ⅛-oz. 60c.

\*DAISY Shasta "Alaska" (HP, 2½ ft.) Ma-S. Giant pure white, yellow center. Pkt. 15c.

DAISY Single Lawn—Pkt. 10c; ⅛-oz. 40c.

**DELPHINIUM Perennial Larkspur** (HP) Ji-N & J-M. Towering spikes of lavender, blue, mauve, violet intermediate, and two-toned combinations with showy bees. They are happiest in sunny, well-drained, very rich soil with alkaline reaction.

B&L Gold Medal Hybrids 4½-6 ft.—This superb strain is credited with 7 Gold Medals and 17 Awards of Merit. Originator's Packets, containing many fine, world-famed sorts. Pkt. 75c. See Novelty Page 22.

\*Belladonna Improved (Cliveden Beauty) 3 ft.—Light turquoise-blue. Large flowered. Strong grower. Florist's type. Pkt. 25c.

Blue Butterfly—ultramarine blue. Pkt. 15c.

Dwarf Annual or Chinensis. 1 ft. Forms a compact, free-flowering bush for rockery, border, or massing.

Navlet's English Exhibition Hybrids, 4½-6 ft.—Our own selections for seed, from only the very choicest Gold Medal, English Hybrid and Wrexham strains, for discriminating fanciers of superior flowers. Delphiniums grown from our seed bloom earlier. Formula Mixed. Pkt. 50c.

Navlet's Garden Hybrids 4-5½ ft.—Full range of vigorous, tapering spikes, for garden effect and for cutting. Pkt. 25c.

**DIANTHUS Pinks.** A race of beautiful hardy annuals and perennials; flowers are brilliantly colored, and vary from pure white to richest crimson; some are gracefully laced and striped.

caesius (Sheddar Pink) (HP, 6 in.) Ma-S. Pretty bright pink, bearded and toothed petals. Fragrant. Dry banks, rocks, and old walls. Pkt. 15c.

(Dianthus Cont'd on Page 28)

(Dianthus Cont'd from Page 27)

*laciniatus* (HA, 9 in.) S-Ma. Very large fringed single flowers, finest mixed. Pkt. 10c.

*laciniatus* "Splendens" (New)—See Novelty Page 22.

*plumarius* (Garden Pink) (HP, 1 ft.) Ma-S. Clove-scented. Rosy-crimson shades. Dark eyes. Single fringed Mixed. Pkt. 10c.

†Rock Hybrids (HP, 4-6 in.)—Formula mixture of rare hardy, dwarf species. Pkt. 25c.

*sinensis* (Indian Pink) (HA, 1¼ ft.) S-Ma. Large, fringed, double blooms. Pkt. 10c.

Sweet Wivelsfield (HA, 1 ft.) S-Ma. Resembles Sweet William, but distinct in habit. Larger individual florets produced in loose heads. Great variety of reds, pinks, crimsons, with very beautiful markings. Blooms in about 5 months from seed. (AM, RHS) Pkt. 15c; ¼-oz. 50c.

**DIDISCUS** Blue Lace Flower (HHA, 1½ ft.) F-Ju. *coeruleus*. Exquisitely delicate, lacy, lovely pale blue, flat flower heads about 2½ inches across, on stiff cutting stems. Pkt. 15c; ¼-oz. 50c.

**DIMORPHOTHECA** *aurantiaca* (Star of the Veldt) (HHA, 16 in.) F-Ju. Free blooming Marguerite-like, very glossy, flowers 2½ in. across. Branching habit. Sun loving. Excellent for cutting. Sow broadcast after frost.

*hybrida mixed*—Shades of primrose, apricot, buff, salmon, etc. Very showy. Pkt. 10c; ¼-oz. 40c.

Orange, Improved (African Orange Daisy). Pkt. 10c.

**DORONICUM** Leopard's Bane (HP, 1½ ft.) Ma-S.

†*caucasicum magnificum*—Giant,, golden-yellow ray flowers on long cutting stems. Bears a striking resemblance to the Gerbera (Transvaal Daisy). Pkt. 35c.

**ESCHSCHOLTZIA** California Poppy (HA) S-Ma. The brilliant and hybrid mixtures show a distinct range of unusual colors. Sow broadcast.

Spreading Varieties, 1½ ft.

\**aurantiaca* (True California Poppy) Spreading Varieties. (1½ ft.) Reselected. Golden orange. Pkt. 10c; oz. 25c; lb. \$2.50.

\*Brilliant Mixed—Rich in crimson, pink and orange-scarlet shades. Pkt. 10c; oz. 40c.

Dwarf Erect Varieties 1 ft.

†Double Salmon Beauty—Light salmon, inside and out. Semi-double. Pkt. 10c; ¼-oz. 80c.

\**hybrida* Mixed—New colors, including soft pink, scarlet, chrome, copper red, claret, royal purple. Pkt. 10c; ¼-oz. 35c; oz. \$1.00.

Ramona Hybrids—A new, compact and erect strain with flowers beautifully frilled and incurved. Finest Mixed, many new colors. Pkt. 15c; ¼-oz. 50c.

Scarlet Beauty—Scarlet. Pkt. 15c; ¼-oz. 50c.

The Geisha—Fluted. Orange crimson outside, brilliant gold inside. Pkt. 10c; ¼-oz. 25c.

Vesuvius—Wallflower red. Pkt. 10c; ¼-oz. 30c.

**EUPHORBIA** (HHA, 2 ft.) F-Ma. Oddly colorful foliage plants for contrasting effects.

Mexican Fire Plant (Annual Poinsettia)—Its glossy, green leaves turn scarlet in summer. Sun loving. Pkt. 10c.

Snow on the Mountain—Foliage veined and margined white. Pkt. 10c.

**FELICIA** *Bergeriana* (HA-R, 3 in.) S-Ma. Turf-like foliage. Pretty, intense golden-yellow discs surrounded by recurved, sky-blue petals. Easy-to-grow. Pkt. 15c; 1/16-oz. 80c.

**FORGET-ME-NOT** *Myosotis* (HP) Ju-N. A charming ground cover in a cool, shady spot.

*alpestris* blue 9 in.—Rich blue. Pkt. 10c; ¼ oz. 30c.

*alpestris* rose 9 in.—Dainty rose. Pkt. 10c; ¼-oz. 40c.

\*Isolde Krotz 6 in.—Dwarf, large-flowered bright blue. Spring flowering. Pkt. 20c.

**FOXGLOVE** *Digitalis* (HP) Ma-S. Majestic plants for semi-shaded, moist, rich soil. Tall spikes of tubular spotted flowers.

†Giant Shirley 6 ft.—Giant strain of remarkable beauty. Flowers spotted cream, maroon and chocolate. Long spikes. Pkt. 15c.

*gloxinioides* 4 ft.—Improved, large flowered, spotted strain. Rose; Purple; White; Formula Mixed. Pkts. 10c ea.; ¼-oz. 30c.

**GAILLARDIA** Blanket Flower. Gorgeous shades of orange, yellow, red, maroon with contrasting rays around centers. Sun.

*picta* (HHA, 2 ft.) F-Ma. Orange-red and yellow. Fine for cutting. Single Mixed. Pkt. 10c.

Portola Hybrids (HP, 3 ft.) Ju-M. Shades of bronzy red, tipped gold. Pkt. 15c.

Superb Formula Mixed (HP, 3 ft.) Ju-M. Includes such novelties as "Burgundy," "Dazzler" and "Tangerine Improved." Pkt. 25c.

**GERBERA** Transvaal Daisy (HHP, 2 ft.) S-Ma. Slender, gracefully curved, single petaled flowers on long, cutting stems. Pink, red, yellow, salmon, straw, cream, orange, crimson shades. Thrives in rich, deep soil, well drained. Open, sunny spot.

\*Jamesonii Hybrids Improved—Giant blooms on very long cutting stems. A superior strain. Small Pkt. 25c; Garden Pkt. 50c.

**GEUM** Avens (HP, 2 ft.) Ju-M. Long flower stalks bearing double little rose-like blooms. Thrives in sun or partial shade.

Lady Stratheden—Rich golden yellow. Pkt. 15c.

Mrs. Bradshaw—Brilliant scarlet. Pkt. 15c.

†Prince of Orange—(New)—Rich orange shade, reproducing itself true from seed. Full bloom in early summer. Pkt. 25c.

**GILIA** (HA) S-Ju. Charming Native California Flower. Sow seed broadcast.

*capitata* (Queen Ann's Thimble) 2 ft.—Dense heads of clear, lavender blue flowers. Fern-like foliage. Pkt. 10c; oz. 40c.

*tricolor* (Bird's Eyes) 1 ft.—Faintly perfumed, shaded, lavender-blue flowers. Five purple spots on yellow throat. Neat habit. Pkt. 10c; oz. 40c.

**GLOXINIA** (TP) D-M. Large, velvety trumpet shaped flowers. Deep wine red, crimson, purple, spotted and edged white, mauve, pink, etc.

\*B & L Gold Medal Strain. Originator's Packets. Pkt. 40c.

**GODETIA** Satin Flower (HA) S-Ju. Sturdy, free-blooming, bushy plants requiring but little care. Brilliantly-colored, satiny, poppy-like flowers. Sow broadcast.

Dwarf Double Azalea-flowered Mixed 1 ft.—Crimson, pink, rose shades. Pkt. 15c; ¼-oz. 40c; oz. \$1.20.

Dwarf Single Mixed 1 ft.—Rose, coral, crimson shades. Pkt. 10c; ¼-oz. 25c; oz. 75c.



GODETIA "SYBIL SHERWOOD"



HOLLYHOCK "IMPERATOR"

**HEUCHERA Coral Bells** (HP-R, 1 ft.) Ma-S. Graceful, slender stalks with airy clusters of tiny, bell-like flowers. Bushy compact foliage. Early Summer.  
**sanguinea splendens**—Bright vermillion red, Heart-shaped foliage. Pkt. 25c.

**HOLLYHOCK** (HP) Ma-S. Stately stalks, richly adorned with showy, attractive flowers near the top. Indifferent to culture.

**Alameda Pink** 5 ft.—Semi-double. Light pink shades. Blooms same year, if sown early in Spring. Pkt. 15c.

**Chater's Double** 7 ft.—Newport Pink; Salmon Rose; Scarlet; Sulphur Yellow; Formula Mixed; Pkts. 10c ea.; ¼-oz. 65c.

\***Imperator Mixed** 8 ft.—Giants. Fringed blooms 6 in. across, double rosette centers. All rich, warm, delicate shades. Pkt. 25c.

†**Triumph Mixed** 4-5 ft.—Branching habit. Waved and fringed, double and semi-doubles in lovely art shades, and bi-color combinations. Pkt. 25c; ¼-oz. \$1.60.

**HONESTY Lunaria Biennis** (Money Plant) (HB, 2½ ft.) Ma-S. Fragrant blossoms followed by decorative and curious, silvery orbicular pods, which lend themselves to artistic arrangement in vases. Sow seed in open. Half-shade. Pkt. 10c; ¼ oz. 30c.

**HOP VINE Japanese** (HA-C, 25 ft.) M-Ma. Fast growing. Large, lobed leaves. Makes dense shade. Pkt. 10c.

**HYACINTH BEAN** (TA-C) M-Ma. Fast growing climber. Sweet scented. Sow in the open. White, purple blooms. Ornamental pods. Mixed. Pkt. 10c.

**KALANCHOE** (TP, 1½ ft.) F-M. Succulent pot plant. Easy to grow. Place outdoors in Summer. Blooms for 8 weeks without a single bloom fading. Plant several in one pot so as to secure bushy effect.

†**globulifera coccinea**—Brilliant scarlet, Bouvardia-like flowers. Pkt. 50c.

**IPOMEA** (HHA-C, 12-20 ft.) M-Ma. Rapid growing class of annual climbers. Indispensable for covering trellises, etc. Sow in open. In order to hasten germination, notch the seed coats or soak in water until they begin to swell.

**Heavenly Blue** (Rubro Coerulea)—Pure sky blue shading to white at center. Pkt. 15c; ¼-oz. 40c.

**Imperialis** (See Morning Glory)

**Noctiflora** (White Moonflower). Fragrant blooms in abundance at night and during dull days. Very rapid climber. Pkt. 10c; ½-oz. 30c.

†**Rose Marie** (New)—Early, free flowering, clear deep rose, double-flowered. Makes a quick growth. Double flowers give the appearance of being open even after the single sorts have closed for the day. Pkt. 15c.

**KOCHIA Summer Cypress** (HA, 3 ft.) F-Ma.

**Childsii**—Fast growing and ornamental, resembles Cypress. Changes from green to russet in Autumn. Sow outdoors. Fast growing. Pkt. 10c.

**KUDZU VINE** (HP-C, 10-50 ft.) Ma-S. Racemes of rosy-purple, pea-shaped flowers. Will grow 50 feet in a single season from a well established root. Large, healthy, dark leaves provide a dense shade. Pkt. 10c.

**LARKSPUR Annual Delphinium** (HA) S. A. Vie with the perennial form in stateliness and doubleness of florets. Sow broadcast, or in boxes to transplant. Keep very well as cut flowers.

†**Blue Bell** (New)—A fine medium blue, deeper than Sky Blue, a color up to this time lacking in the group. (AM, 1934 AAM.)

**Blue Spire**—Intense deep Oxford Blue; **Carmine King**—Deep, carmine rose; **Gloria**—Rich deep rose; **Lilac Spire**—Beautiful lilac; **Peach Blossom**—Clear pink, no trace of salmon; **Formula Mixed**—Pkts. 15c ea.; ¼-oz. 40c; oz. \$1.25.

**Giant Imperial**—Tall, upright, compact, basal branching habit. Supersedes all other types for cutting and general garden use. Delphinium-like spikes of double flowers, carried on stems 4 to 5 feet long, compactly placed on upright growing plants.

(Larkspur Cont'd on Page 30)

†**Sybil Sherwood**, 1 ft.—Novelty. Bright salmon-pink, softened by an indefinite edging of white. A real sensation. Pkt. 25c; 1/16-oz. 65c; ¼-oz. \$2.00.

**Tall Double Azalea-flowered Mixed** 2 ft.—Crimson, lavender, pink shades. Pkt. 10c; ¼-oz. 25c; oz. 75c.

**GOURDS-ORNAMENTAL** (TA, 10 ft.) M-Ma. Decorative and artistic, squash-like forms. Left to trail, or trained to climb. Plant seed where it is to remain. Ideal for covering arbors, fences, slopes, etc.

**Large Fruited Sorts Mixed**. Pkt. 10c; oz. 30c; 4-ozs. \$1.20.

**Small Fruited Sorts Mixed**. Pkt. 10c; oz. 35c; 4-ozs. \$1.00.

**Warted Sorts Mixed**. Pkt. 10c; oz. 35c; 4-ozs. \$1.00.

**All Sorts Mixed**. Pkt. 10c; oz. 25c; 4-ozs. 75c.

**GYPSOPHILA elegans** (Baby's Breath) (HA, 2½ ft.) O-Ju. Airy plants, almost devoid of foliage with branched stalks tipped with profusion of tiny blossoms.

**carminea**—Carmine-rose. Pkt. 10c; oz. 35c.

\***True Covent Garden Strain**—Used by Florists for bouquets. Pkt. 10c; oz. 25c.

**HELIANTHEMUM Dwarf Sun Rose** (HP-R, 6 in.) M-S. **mutabile**—Charming, dwarf, evergreen rock plant. Profusion of small rose-like blooms of yellow, red, pink, apricot, etc. Happy in sunny, dry, well-drained light soil. Pkt. 10c.

**HELICHRYSUM monstrosum** (Double Everlasting) (HA, 3 ft.) F-Ma. Best of straw flowers. Double pompon-like centers nearly covered by stiff overlapping petals. Yellow, crimson, rose-carmine, scarlet, pink, gold shades. Make beautiful effect in the garden bed. Choice Mixed. Pkt. 10c; ¼-oz. 25c.

**HELIOPSIS Orange Sunflower** (HP, 3½ ft.) Ma-S. **Pitcheriana** (Lemoine Strain). A showy plant for the tall border and garden effect. Fine cutting stems. Long blooming season. Deep, golden yellow flowers 2 inches across. Pkt. 10c; ¼-oz. 25c.

**HELIOTROPE Cherry Pie** (HHP, 2 ft.) F-Ma. Dense trusses of fragrant flowers. Continuous blooming. Happy in sun.

\***Lemoine's Giant Mixed** 2 ft.—Many new shades. Delightfully fragrant. Pkt. 10c.

\***Mme. Bruant** 1 ft.—Enormous violet-blue flowers with white eyes, 6 to 8 inches across. Dwarf habit. Entirely distinct. Pkt. 25c.



DWARF FRENCH MARIGOLD  
"MONARCH STRAIN"

#### LARKSPUR (Cont'd from Page 29)

La France—Pleasing salmon pink. AM., R. H. S. Pkt. 15c; ¼-oz. 30c.

†Los Angeles Improved (New)—Brilliant rose on salmon. Flower spikes 3 to 4 feet long. Pkts of the 2 varieties 20c ea; ¼-oz. 70c.

†Rosamond (New) 4 ft.—A pure bright rose. Holds the color without fading. Very early. Tall. Spikes heavily covered with fully double flowers. (GM 1934 AAS) Pkt. 25c; ¼-oz. \$1.00.

Splendid Mixed—Pkt. 10c; ¼-oz. 20c; oz. 60c.

Tall Double Stock-Flowered—This type differs from the Giant Imperial Group mainly in that its base branches are not so upright and compact.

LATHYRUS latifolius (Everlasting Pea) (HP-C, 5-6 ft.) Ma-O. Thick, waxy, scentless blooms. Resemble sweet peas. Climber, or left to sprawl over uneven, rugged spots. Pink Beauty; Crimson; White Pearl; Formula Mixed; Pkts. 10c ea.

LAVATERA Mallow M-Ma. Showy plants with maple-like, downy leaves. Large cup-shaped blooms on short stems. Summer blooming.

assurgentiflora (Calif. Windbreak) (HP, 10 ft.)—Rosy-crimson. Sow in open. Pkt. 10c.

"Sunset" (HA, 3 ft.)—Rosy-carmine. Fine for garden effect and cutting. Pkt. 10c.

LAVENDER (HP, 2 ft.) Ma-S. Feathery, delicate, gray foliage. Tiny, lavender-blue flowers. Dainty fragrance. Used in sachet bags when dried. Pkt. 10c; ¼-oz. 35c.

LAYIA elegans (Tidy Tips) (HA, 1 ft.) S-Ma. Calif. Native. Yellow daisy-like flowers, edged white or cream. Sow broadcast with Nemophila for pretty effect. Pkt. 10c; ¼-oz. 50c.

†LEWISIA Howelii (HP-Tr) S-Ma. Rare and lovely creeping plant for rockeries, banks, etc. Long-petalled, single flowers of apricot, streaked with rose. Rosettes of narrow, crinkled foliage. Sunny, well-drained spot. Light soil. Do not over-water. Limited number of Pkts., at 35c ea.

LINARIA Toad Flax, Wild Snapdragon (HA, 1 ft.) S-Ju. Blooms in 2 months from seed sown in open. Bright, crimson, chamois, gold, lavender, white. Like miniature snapdragons. Fine for edgings, rockeries, bedding. Maroccana Hybrida Excelsior Mixed; Pkt. 10c; ¼-oz. 25c.

†Fairy Bouquet—8 in. Plants very compact. Many distinct colors, such as rose, yellow, pink, lavender,

carmine, red, violet, white and salmon. Not unlike dwarf Nemesis but even more floriferous. Excellent for bedding. (GM, 1933 AAS) Pkt. 20c.

LINUM Flax. Colorful single, blooms all summer. For beds and borders.

\*narbonense (HP, 2½ ft.) Ma-S. Superior to L. Perenne. Large, steel-blue flowers. Drought resistant. Pkt. 25c; ¼-oz. \$1.25.

Scarlet Flax (HA, 1½ ft.) F-Ju. Glossy, bright red, saucer-shaped flowers with dark centers. Broadcast at intervals. Pkt. 10c; oz. 35c.

LOBELIA (HHA, 6 in.) N-Ma. Prized, dainty summer-flowering plants for edgings, rockeries, window boxes and pots.

Crystal Palace Compacta—Deep blue flowers. Bronzy-green foliage. Pkt. 10c; ⅛-oz. 50c.

Sapphire—Trailing habit. Deep blue flowers with white eye. Window boxes, etc. Pkt. 15c.

LUPINUS Lupin. Lance-like foliage. Pea-shaped blooms compactly placed on upright, tapering spikes. Sow broadcast outdoors.

Hartwegii Mixed. (HA, 2 ft.) S-Ma. Large-flowered. White, dark blue, rose, Cambridge blue cutting spikes. Pkt. 10c; oz. 25c.

nanus (HA, 1 ft.) S-Ma. Calif. Native. Rich blue, lilac and white. Broadcast. Pkt. 10c; oz. 30c; 4-ozs. \$1.00; lb. \$3.00.

Polyphyllus (HP, 3-4 ft.) Ma-S. Stately spikes of delicately scented, white, pink, blue and salmon. Choice Mixed; Pkt. 15c.

MARIGOLD Tagetes (HHA) F-Ma. All sorts make showy beds. Sun, in ordinary soil.

Australian Tree Marigold (Grendon Tree) 4-6 ft.—December blooming. Large double french type. Brownish yellow with hardly any marigold odor. Pkt. 15c; ¼-oz. 30c.

†Dwarf African "Primrose Queen"—See Novelty Page 23.

†Double Imbricata African Marigold. Crussells type, semi-quilled petals. Intensely double. "Golden Beauty"; "Lemon Beauty"; Formula Mixed. Pkt. 10c; ¼-oz. 40c.

Dwarf French Double Mixed 10 in.—Dark brown, lemon, orange, etc. Pkt. 10c; ¼-oz. 25c; oz. 60c.

Dwarf French Double Monarch Strain Mixed.—Dwarf compact growth, very large, tight double flowers in a wide color range which includes combinations of orange, bronze, yellow and mahogany. (AM, 1934 AAS) Pkt. 15c; ¼-oz. 50c.

†Guinea Gold (Carnation-flowered) 2½ ft.—Distinct type. Graceful, pyramidal habits. Carnation-like in size and form. Brilliant shade of gold, flushed orange. Practically odorless. Pkt. 15c; ¼-oz. 50c.

tagetes signata pumila 8 in.—Tiny border variety. Bright orange single blooms. Pkt. 10c; ¼ oz. 30c.

†tagetes signata pumila "Little Gem".—See Novelty Page 23.

\*Tall African All-double 3 ft.—Enormous, closely quilled, double flower heads on long cutting stems. Alldouble Orange; Alldouble Lemon; Alldouble Mixed; Pkts. 15c; ¼-oz. 65c.

Tall African Double 3 ft. Large quilled flowers. Lemon Queen; Orange Prince; Formula Mixed; Pkts. 10c ea; ¼-oz. 40c; oz. \$1.20.

Tall French Double Mixed 2½ ft.—Small flowered, long-stemmed sorts. Same color range as the dwarf. Pkt. 10c; ¼-oz. 25c; oz. 60c.

"Yellow Supreme" (Carnation-flowered). See Novelty Page 22.

MORNING GLORY (HA-C) M-Ma. Soak seed to hasten germination. Happy in the sun.

Imperial Japanese—Oddly marked. Giants in size. Many bright colors. Pkt. 10c.

Tall Mixed 15 ft.—Pkt. 10c; oz. 20c.

Dwarf Mixed 1 ft.—Pkt. 10c; oz. 20c.

**MATTHIOLA** (Evening Scented Stock) (HA, 1 ft.) S-Ma. *bicornis*—Grown exclusively for its evening fragrance. Purplish-lilac blooms. Pkt. 10c; ¼-oz. 20c.

**MESEMBRYANTHEMUM** Ice Plant (HA-R-Tr) S-Ma. *terriflorum* (Livingstone Daisy)—Sensational novelty. Plants covered with flowers 1 in. across in pure whites tinted and edged rose, crimson, pink and buff; and self colors including primrose, golden buff, apricot, crimson and pink. Poor soil in sun. Pkt. 25c.

**MIGNONETTE** Little Darling (HA, 1 ft.) AYR. Happiest in cool, moist, rich soil. Prized for delicious fragrance.

Giant Machet Mixed—Broad, closely set, fragrant spikes. Pkt. 10c; ¼-oz. 25c.

*Reseda odorata* (Sweet-scented)—Free-flowering, old-fashioned garden variety. Sow broadcast. Pkt. 10c; oz. 25c.

**MIMOSA** Sensitive Plant (HHA, 1 ft.) F-Ma. *pudica*—An elegant pot plant with pinkish-white flowers; interesting on account of its sensitive foliage which droops when touched. Pkt. 10c.

**MIMULUS** (HHP) S-M. Happy in semi-shaded and moist spot. Free flowering.

Musk Plant 6-9 in.—Small, yellow, spotted, scented blooms. Pkt. 15c.

\*Queen's Prize Blotched Mixed 10 in.—This showy Monkey-flower produces large, brilliantly colored coppery red, yellow and orange, spotted flowers. Pkt. 15c.

**NASTURTIUM** (TA) M-Ju. Any old place, any old time after frosts, any old soil, they are always cheery.

Dwarf Sorts—Cloth of Gold, fiery red, golden leaved; Crystal Palace Gem, yellow, spotted purple maroon; Empress of India, dark scarlet, dark leaved; Golden King, dark leaved, Indian yellow; King of Tom Thumbs, dark leaved, bright scarlet; Vesuvius (Salmon Queen), salmon rose. Separate Colors: Pkts. 10c ea. (Any 6 for 50c); oz. 20c; 4-ozs. 50c; lb. \$1.50. Choice Mixed; Pkts. 10c ea.; oz. 15c; 4-ozs. 45c; lb. \$1.25.

†Glorious Gleam Hybrids (Double Sweet-scented)—See Novelty Page 23.

†Golden Gleam (Double Sweet-scented)—Delightfully fragrant. Brilliant golden flowers 2½-3 in. across. Stiff cutting stems. Blooms continuously till frost. Compact habit in open sunny spot, runners 18 in. long when in partial shade. Pkt. 10c; ½oz. 20c; oz. 30c.

Scarlet Gleam (Double Sweet-scented)—See Novelty Page 23.

Trailing or Climbing Sorts—Lucifer, dark-leaved scarlet; Butterfly, sunflower yellow, spotted salmon pink; Cloth of Gold, fiery-red; Jupiter, golden yellow; Spit-fire, rosy-scarlet; Shillingi, yellow, spotted maroon; Vesuvius (Salmon Queen), Salmon Rose. Separate Colors: Pkts. 10c ea. (Any 6 for 50c); oz. 20c; 4-ozs. 50c; lb. \$1.50. Choice Mixed; Pkts. 10c ea.; oz. 15c; 4-ozs. 45c; lb. \$1.25.

**NEMESIA** (HHA) F-Ju & Au-S. Bushy little plants with countless slender stalks of dainty, fairy-like blooms with contrasting colors on lower lips. Easy of culture.

\*Blue Gem Improved 8 in.—Pretty forget-me-not blue. Compact habit. Pkt. 20c; ⅛-oz. 75c.

Suttoni Mixed 12 in.—Profuse blooming strain. Cream, yellow, carmine, scarlet, orange flowers. Pkt. 15c; ⅛-oz. 50c.

†Triumph Mixed 8 in.—Brilliant blend, containing almost every color in the spectrum. Tidy, compact habit. Pkt. 15c; ⅛-oz. 50c.

**NEMOPHILA** Baby Blue Eyes (HA, 6 in.) S-Ma. *insignis*—Calif. Native. Prized for its sky-blue, cup-shaped blooms with white eyes. Sow broadcast. Try with Layia for effect. Pkt. 10c; oz. 30c; 4 ozs. \$1.00; lb. \$3.00.

**NIGELLA** *damascena* (Love-in-a-Mist) (HA, 1½ ft.)

\*Miss Jekyll S-Ma. Lovely, clear cornflower blue, flowers surrounded by delicate, needle-like fibre foliage. Misty and lovely effect. Pkt. 10c; ½-oz. 25c; oz. 40c.

**PANSY** (HA, 6-9 in.) Ji-O & F-Ma. Thrives in partially shaded locations, in deeply dug, enriched, peaty soil. Feed plants frequently to induce giant blooms and good stems. Wilted blooms must be kept picked to prolong flowering season. Sow in boxes indoors. Watch germination moisture carefully.

(See "Culture" Page 58)

\*Jumbo Strain—Decidedly different. Bright colorings. Enormous flowers up to 4 in. across. Thick stems, large foliage. Without doubt the largest pansies known. Pkt. of 575 seeds, 75c; Pkt. of 275 seeds, 50c.

Masterpiece Giants—Characterized by frilled, curled and waved petals and rich, dark, velvety shades. Pkt. 25c; 1,000 seeds, 75c.

Navlet's International Mixed—Superb 3 and 5 spotted blooms selected from Swiss Giants, Non Plus Ultra, Giant Cassier and Bugnot Strains. Gorgeous color combinations. Pkt. 35c; 1,000 seeds, \$1.50.

\*Navlet's Rainbow Roggli Giants—Unexcelled. Surpass all others in range of color, enormous, thick and velvety flowers, vigor of growth, massive foliage and stems. Giant blooms 3 to 3½ in. across in superb, rich blues, bronzes, golds, yellows, lavenders, reds, and new combinations and shades. Beautifully blotched, spotted and ruffled. Pkt. of 365 seeds, 75c; Pkt. of 185 seeds, 50c.

\*Parisian Stained—Selected from the Giant Trimar-deaus. Normally, the two upper petals contrast with the three lower blotched petals. Pkt. 15c; 1,000 seeds, 50c.

Separate Colors (Swiss Roggli Giants): Alpenglöw, striking bright garnet-red shades; \*Berna, rich shades of deep violet-blue; \*Golden Prince, pure golden-yellow with black eye; Lake of Thun (Ullswater or Thun-Sea Blue), magnificent dark blue with blue-black spots; \*Mont Blanc, clear white shading lilac; \*Monte Rosa, rich blood red and scarlet shades; \*Pure Gold, pure golden yellow self. Pkts. 50c each. Choice of any 4 Pkts. for 85c.

†See Novelty, Page 23 for additional named varieties.

**PENTSTEMON** Beard Tongue (HP) Ji-M. Bright, two-lipped tubular flowers. They are rust resistant.

Barbatus hybrids (Chelone Barbata) 4 ft. Ma-S. Long racemes of pretty pink, rose, carmine, violet, etc. Partial to shade and moist soil. Pkt. 15c.

Blue Gem 1½ ft.—Metallic blue. Pkt. 15c.

\*Gloxinia-flowered Hybrids 3½ ft.—Glorious carmine, red, rose, violet shades with spotted throats. Pkt. 15c; ⅛-oz. 75c.



MARIGOLD (*signata pumila*)  
TAGETES "LITTLE GEM"  
(See Novelty Page 23)



RUDBECKIA "KELVEDON STAR"  
(See Novelty Page 23)

**PETUNIA (HHA) J-Ma.** Our best summer bedding plant. Unequalled for bright colors, long blooming season, ease of culture, adaptability to dry spots. The double, ruffled and fringed sorts we offer, produce a high percentage true to type.

**Double Fringed Giants Mixed 12 in.**—Very large, full double. Splendid colors. Pkt. 50c.

**\*Dwarf Ruffled Giants (Ramona Strain) 6-9 in.**—Compact habit. Beautifully ruffled and fringed. Well marked, open throats. Superb Mixed; Pkt. 35c; 1-64 oz. \$2.50.

†frilled nana compacta "Martha Washington". See Novelty Page 23.

**\*Giant Single Fringed Mixed 12 in.**—Combine, charming form with diverse, bright, rich colorings. Veined throats. Pkt. 25c.

**Hybrida nana erecta 1 ft.**—Single, profuse and long season sorts of exquisite beauty for massing. Gloria, carmine-rose; \*Rosy Morn, selected, rosy-pink, white throat; Silver Blue (Heavenly Blue), light blue; Viola-acea, the finest deep violet; Rose of Heaven, dwarf rose-pink. Formula Mixed; Pkts. 15c ea.; 1/8-oz. 50c. Choice Mixed; Pkt. 10c; 1/4-oz. 50c.

**hybrida pendula (Balcony)**—Free-flowering, spreading or trailing type for window boxes, terraces, etc. Velvety indigo; Blue; Rose; Star of California, violet, shaded crimson, white blotches. Formula Mixed; Choice Mixed; Pkt. 10c; 1/4 oz. 50c. Pkt. 15c; 1/8-oz. \$1.00.

†nana compacta Mixed 8 in.—Dwarf, compact form. Plants form a perfect ball effect 12 in. across. Shades of rose, pink, crimson, white and striped effects. Perfect for borders, beds, window boxes, etc. Pkt. 15c; 1/8-oz. 85c; 1/4-oz. \$1.50.

**nana compacta "Pink Gem" 6 in. (New)**—Plant this new miniature Petunia with Ageratum "Blue Cap" for a charming effect. Spreads about 8 inches. 25 to 30 blooms open at once. Deep pink single blooms 2 inches across. Indispensable for borders, window boxes, pots, rock gardens and bedding. (GM, 1934 AAS) Pkt. 20c.

**Ruffled Giants of California 12 in.**—Deep, fluted, singles 4-5 in. across with blotches, veinings and stripings, blend of dark and light shades. DeLuxe Mixed; Pkt. 35c; 1-64 oz. \$1.50.

†Super-strain, Double Fringed Giants Mixed 12 in.—One may confidently expect 90% double flowers from this strain—the last word in gorgeous doubles. Pkt. 75c.

**PHACELIA California Blue Bell (HA, 9 in.) S-Ma.** campanularia—The shade of bright blue, bell-shaped flowers, is one of the most pleasing to be found in cultivation. Sow broadcast in the open. Pkt. 10c; 1/4-oz. 25c.

**PHLOX Drummondii (HA, 1 ft.) S-Ma.** Considered the most showy and beautiful of all bedding annuals. Broad clusters of five-petaled flowers in brilliant colors.

**cuspidata (Star-shaped)**—Like stars. Fringed, tooth-edged petals, dark centers, contrasting margins. Mixed; Pkt. 10c; 1/4-oz. 40c.

**grandiflora**—Fine, bright-colored, large-flowered sorts. Brilliant, deep rose, dark eye, white throat; Chamois-rose; Coccinea, scarlet self; Viola-acea, rich deep violet, white eye; Isabellina, yellow or primrose. Formula Mixed; Pkts. 10c ea.; 1/4 oz. 50c.

**nana compacta**—An especially valuable class of dwarf Phloxes, in a splendid color range. They make most attractive beds or edgings. Choice Mixed; Pkt. 15c; 1/4-oz. \$1.20.

†Navlet's Prize Strain—French Strain. Unsurpassed in size or blooms and brilliant colors. Pkt. 15c; 1/4-oz. 50c.; oz. \$1.50.

**PHYSOSTEGIA False Dragon Head (HP, 3 ft.) Ma-S.** virginiana. Tapering floral spikes bearing rows of small rosy-lilac tubular florets. Pkt. 15c.

**POPPY (Annual Varieties) S-Ju.** Sow broadcast—they do not stand transplanting. Among the most brilliantly colored garden flowers.

**\*Double Shirley, Begonia-flowered 2 1/2 ft.**—Charming double and semi-doubles. Sweet Briar—delightful shade of deep rose pink, begonia-like blooms. Pkt. 15c.

**Eldorado Double Mixed**—Full range of bright colors. Pkt. 10c; 1/4-oz. 25c; oz. 75c.

**Single Shirley 2 1/2 ft.**—Deeply cut foliage, slender hairy blossoms. True Flanders—dazzling scarlet, snow white cross at center. Pkt. 10c; 1/2-oz. 25c; Choice Mixed, all colors; Pkt. 10c; oz. 40c.

**POPPY (Perennial Varieties)** Supply gorgeous coloring when the burst of Spring flowers is on the wane.

**Iceland (Nudicaule) (HP, 1 1/2 ft.) Au-M.** Cup-shaped single, crush-satin blooms in unceasing succession from June to October. \*El Monte—Deep tangerine orange. Pkt. 15c. \*Sandford's Giants—Immense flowers. Very strong, long stems. Beautiful color range. Pkt. 25c.

**Iceland (Nodicaule,) Unwin's Giant Coonara (See Novelty Page 22).**

**Oriental (HP, 2 1/2 ft.) Ma-S.** Majestic summer-flowering plants. Huge, cup-shaped blooms 6 in. across with crinkled, blotched petals. Large, decorative pods. \*Mrs. Perry—Very fine, orange-apricot; \*Princess Victoria Louise—Delicate salmon pink; \*Queen Alexandria—Bright rosy salmon with crimson blotch; Excelsior Mixed—Very fine range of colors from delicate salmon to deep crimson; Pkts. 15c ea.

**Sunbeam Hybrids Mixed**—Large flowers in many new tints. Pkt. 15c; 1/4-oz. \$1.20.

**PORTULACA Moss Rose, Sun Plant (HA-R, 6 in.) A-Ju.** A gem for a dry, sunny spot, rockery or bank. Glossy, single and rose-like double flowers 1 in. across. Small needle-like leaves. Shades of yellow, scarlet, white and rose. Mix seed with sand and sow broadcast.

**Single Mixed**—Pkt. 10c; 1/4-oz. 25c.

**Double Mixed**—Pkt. 10c; 1/4-oz. 75c.

**PRIMULA Primrose.** Some are tender pot plants, others thrive in rich soil in partial shade outdoors. Comparatively easy of culture.

**auricula (Alpine Primula) (HP, 6 in.) Ma-S.** We offer a superb strain, selected and saved with great care. Large trusses of richly-colored flowers. Pkt. 25c.

**Giant Mixed**—Rose, crimson, lilac shades. Large flower heads. Pkt. 25c.

\***obconica gigantea** (TP, 10 in.) F-M. Magnificent hybrids. Free-flowering. Pot plants, or outdoors in summer. Deep rosy lilac, rich carmine rose, violet and mauve shades. †**Chenies Giant Hybrids**. Pkt. 50c.

\***sinensis fimbriata** (Chinese fringed) (TP, 10 in.) M-Ju. Beautiful pot plants for winter bloom. Fringed petals. White, lavender, salmon, and rose to crimson. Heart-shaped foliage. **Excelsior Giants Mixed**. Pkt. 35c.

**PRIMULA malacoides** (Fairy Primrose) (HA, 10 in.) Ju-F. Dainty border plant for cool spots. Profusion of small, starry, single flowers on slender, stiff stems. Compact rosette of rich green foliage. Fine for potting.

†**Erikssonii** "Baby Doll"—Deep pink, frilled flowers. Very stiff cutting stems. Pretty, fringed, foliage. Originator's seed. Pkt. 35c.

Lilac—Pkt. 15c; \***Superba**—Improved deep rosy pink. Pkt. 15c; 1-16 oz. \$1.00.

True Rose—(See Fairy Primrose, Novelty Page 22)

**PRIMROSE** (Hardy Sorts) (HP) Ma-S.

\***Blue** 4 in.—Rare. Pale, medium, deep blue shades. Cool, rich soil in semi-shade. Pkt. 40c.

†**polyanthus** (Bunch primrose) 6-9 in.—Lovely, velvety flowers, shades of red, orange, bronze, maroon, yellow. Handsome rosettes of leaves. Superb in bed or border. B & L Superb Choice Mixed, originator's seed. Pkt. 40c.

**PYRETHRUM** (HP)

**aureum** (Golden Feather, Feverfew) S-M. Dwarf golden-leaved. Small white blossoms. Used in borders for foliage effect. Pkt. 10c.

**roseum hybridum** (Painted Daisy) Ma-S. Large, daisy-like pink, rose, red, etc., blooms with golden centers. Long cutting stems. Fern-like foliage. Pkt. 15c.

**RANUNCULUS** (HP, 15 in.) M-Au. Glorious spring bedding plant. Shades of yellow, orange, red. Easily grown from seed. Blooms in spring.

**French Mixed**—Many semi-doubles and doubles. Pkt. 15c; ¼-oz. 50c; oz. \$1.50.

\***Ragioneri Strain**—Large semi-double and extra double flowers. Wider range of colors than any other strain. Robust plants. Pkt. 25c.

**REHMANNIA angulata** (HHP, 3 ft.) Ma-S.—Rosy-purple tubular yellow throated flowers spotted deep purple, on tall, slender spikes. Very attractive rosette of gloss, bronz-green foliage. Likes partial shade. Pkt. 25c.

**RUDBECKIA Cone Flower** (HHA, 2 ft.) F-Ma. Supplies golden colors when good cutting flowers are scarce.

†"Kelvedon Star" (New)—See Novelty Page 23.

**My Joy**.—Relatively dwarf variety with huge orange-yellow blooms and small cone. Pkt. 15c.

†**SAINTPAULIA ionantha** (African Violet) (TP, 4 in.) Ju-Au & F-A. Easily grown pot plant. Blooms in 6 months from seed. Rich, deep lavender. Resemble violets. Pretty golden anthers. Begonia-like foliage. Pkt. 35c.

**SALPIGLOSSIS Velvet Flower** (HHA, 3½ ft.) F-Ma. Trumpet-shaped blooms. Blue, brown, red, purple, rose, violet shades with gold veinings. Showy in beds. Prized for cutting.

**Dauphin's blue**—A selected, superb variety which should be grown as a contrast. Pkt. 15c.

**Emperor Mixed**—Prolific, large-flowered. Superb colors. Pkt. 10c; ¼-oz. 40c.

\***gloxiniaflora Mixed**—Most beautiful veined selections from Emperor. Pkt. 15c; ¼-oz. 50c.

**SALVIA Flowering Sage**. Showy, hardy plants of medium growth and of easy culture.

**azurea grandiflora** (Azure Sage) (HP, 3½ ft.) Ma-S. Stately, willow-like spikes of pale blue. Sun loving. Pkt. 15c.

**farinacea** (Mealy-cup Sage) (HP, 2½ ft.) Ma-S. Slender spikes ringed with small, light blue florets. Pkt. 10c.

\***splendens** "Harbinger" (HHP, 1¼ ft.) F-A. Dwarf and compact habit. Dazzling, bright scarlet flowers. Extra early. Pkt. 15c.

**SCABIOSA Pin Cushion** (HA, 3 ft.) Au-Ma. Fragrant favorites for garden effect and cutting. Indifferent to soil. Sun loving. **Ageratum Blue**; **Fire King**—Rich rosy-crimson; **Peach Blossom**; **Shasta**—Pure White; **Formula Mixed**; Pkts. 10c ea.; ¼-oz. 25c. \***Loveliness**—Salmon rose shades. Pkt. 15c.

**Giant Hybrids Mixed**—Greatly enlarged size, vigorous growth and long, strong stems, with an unusual number of rare colors. (Sp.M, 1934 AAS) Pkt. 20c.

**SCABIOSA caucasica** (Blue Bonnet) (HP, 2 ft.) S-Ma. Shades of very light lavender to dark blue.

\***Isaac House Giant Hybrids**. Pkt. 25c.

**SCABIOSA Columbaria** (HP, 1 ft.) S-Ma. Distinct type. Hardy, low-growing. Rosy-lavender blooms. Stiff cutting stems. Pkt. 15c.

**SCHIZANTHUS Butterfly Flower, Poor Man's Orchid** (HHA, 1½ ft.) Ji-S & F-Ju. Myriads of dainty blooms like butterflies or tiny orchids, completely obscure the fern-like foliage. Sow in Fall for pot culture, and in Spring for outdoors. Easy to grow.

**grandiflorus maximus**—Splendid large flowers in brilliant colors. Pkt. 10c; ¼-oz. 25c.

\***Wisetonensis** (Excelsior Strain)—Bright colorings, from white through blush and pink to carmine-brown. Upper lip mostly suffused yellow. Pkt. 25c; ½-oz. \$1.00.

**SNAPDRAGON Antirrhinum** (HA) Au-A. Prized for bedding and cutting. Plant in sunny spot. Early blooms usually escape rust.

\***Majestic Strain** 2 ft.—Exquisitely colored, massive, closely set flower spikes of elegant shape, forming desirable medium-tall plants. Supersedes all other strains. New and distinct color range. **Avalanche**—Snowy pure white; **Delight**—Delicate salmon pink, shading to apricot with golden yellow center; **Eldorado**—Rich, deep golden yellow; **Golden Dawn**—Golden buff overlaid salmon; **Red Chief**—Bright, rich, deep scarlet; **Rose Beauty**—Brilliant rose; **Rose Marie**—Light salmon-rose, golden center; **Sunset**—Bright terra-cotta, shading to rosy-salmon; **Twilight**—Delicate apricot, old gold and salmon. **Formula Mixed**; Pkts. 20c ea.; ¼-oz. \$1.80.

**Maximum Super Giants** 3 ft.—Surpasses all strains in height. Long cutting spikes of closely-set, gigantic individual flowers. **Apple Blossom**—Rosy pink, white tube; **Canary Bird**—Canary yellow; **Copper King**—Bronzy-copper; **Old Gold**—Deep golden yellow; **Salmon Rose**\*—Salmon and begonia rose; **Snowflake**—White; **The Rose**—Begonia rose; **Indian Summer**—Giant coppery scarlet; **Formula Mixed**; Pkts. 15c ea.; ½-oz. 60c.

Rust-Proof Varieties.—See Novelty Page 23.



SALVIA SPLENDENS "HARBINGER"



VISCARIA TOM THUMB "INNOCENCE"  
(See Novelty Page 23)

**STATICE** Everlasting Sea Lavender S-A. For cutting and drying. Thrive in poor soil in sun. Bloom all summer.

*caspia* (Big Leaf Statice) (HP, 3 ft.)—Large lilac flower heads. Compact. Pkt. 15c.

*sinuata* (Florists' Type) (HHA, 2 ft.)—Stiff stalks with blossoms graduated in rows. Blues, lavender, rose, yellow, white. Choice Mixed; Pkt. 10c.

**STOCKS** Gilliflower—Ju-O & F-Ma. A great specialty with us, for we offer only such varieties as rank supreme in their color class and produce the highest percentage of double flowers. Make successive sowings for continuous bloom. (Weaker seedlings usually produce doubles). Fragrant. Kindly note that we offer many superior strains, as stocks are a great specialty with us.

**Large-flowering Dwarf Ten Weeks** (Summer Flowering) 1 ft.—Compact habit makes them desirable for borders and beds. Very popular for summer bedding. Brilliant Crimson, Pansy Violet, Canary Yellow, Lavender, Deep Rose, White, Flesh. Formula Mixed. Choice of any six of the above for 50c. Pkts. 10c ea.; 1/8-oz. 50c; 1/4-oz. 90c.

**Giant Perfection** (Summer & Winter Flowering) 2 ft. Supreme, perpetual flowering, mammoth, cut-and-come-again strain. Very double and of branching habit. This magnificent strain was developed at Nice, on the French Riviera. Early.

*Beauty of Nice*.—Flesh Pink.

*Belle de Naples*.—Old Rose. (HC, RHS.)

*Brilliant*.—Blood Red.

*Cote D'Azure*.—Light Blue.

*Creole*.—Canary Yellow. (AM, RHS)

*Empress August Victoria*.—Lilac. (AM, RHS)

*Heatham Beauty*.—Rose, terra cotta (HC, RHS)

*Rose*.—Very fine Rose Pink.

*Salmon King*.—Salmon Rose. (HC, RHS)

*Snowdrift*.—Pure white.

*Summer Night*.—Deep Blue. (HC, RHS)

Formula Mixed—Balanced blend of named sorts.

Choice of any six of the above for 75c. Pkts. 15c ea.; 1/8-oz. 60c; 1/4-oz. \$1.10.

**Early Giant Imperial** (Improved Bismarck) 2 1/2 ft. Massive spikes with long cutting stems. Upright, pyramidal form. Very high percentage of double flowers. Free and early blooming.

**Buttercup**.—A new Giant Yellow of a richer, deeper tone than Canary Yellow. Splendid habit, throwing long spikes well covered with giant blooms. Percentage of doubles very high. Pkt. 25c.

**Shasta**.—Giant, vigorous, robust, glistening white, producing a very high percentage of doubles. One and a half times larger than any white in its class. Pkt. 25c.

**Antique Copper**.—Rich Hellebore Red.

**Chamois**.—Ivory, tinted Old Rose. (AM, RHS)

**Dark Blue**.

**Elk's Pride**.—Rich Royal Purple. (New)

**Fiery Blood Red**.—(HC, RHS)

**Flesh**.—(AM, RHS)

**Golden Ball**.—Canary Yellow. (AM, RHS)

**Golden Rose**.—Light Golden Rose. (HC, RHS)

**Lavender**.—(AM, RHS)

**Old Rose**.—(New)

Formula Mixed—Balance blend of named sorts.

Choice of any six of the above (excepting Buttercup & Shasta) for 75c. Pkts. 15c ea.; 1/8-oz. 75c; 1/4-oz. \$1.35.

**Double Emperor or Brompton** (Winter Flowering) 20 in. Late blooming. Short, massive, large-flowered spikes. High percentage of doubles.

**Crimson King**.—Deep crimson.

**Egyptian**.—Rose.

**Empress Elizabeth**.—Bright carmine-pink.

**White Lady**.—Very double, pure white.

Formula Mixed—Balanced blend of named sorts.

Collection of 4 varieties for 50c. Pkts. 15c ea.; 1/8-oz. 85c; 1/4-oz. \$1.60.

**STOKESIA** Stoke's Aster (HP, 1 ft.) Ma-S.

*cyanea*.—Lavender blooms which appear to be a cross between an aster and a giant cornflower. Pkt. 15c.

**SUNFLOWER** *Helianthus* (TA) A-Ju. Mostly plants of majestic growth and immense showy flowers. Open sunny spots in light soil.

**Double Chrysanthemum**-flowered 6 ft.—Densely double, bright golden flowers. Pkt. 10c.

**Tall Single Red** 4-8 ft.—Variable hybrids in red, crimson, yellow. Pkt. 10c.

**SWEET WILLIAM** *Dianthus barbatus* (HP, 2 ft.) Ma-S.

Handsome broad clusters of *Dianthus*-like blossoms with fringed petals. Rich, brilliant colorings. *Newport Pink*.—Bright salmon rose; Pkt. 10c; 1/4 oz. 40c; *Holborn Glory Mixed* (Audicula-eyed).—Clearly defined eyes; Pkt. 10c; 1/4 oz. 30c; *Giant Single Mixed*; Pkt. 10c; 1/4 oz. 25c; *Giant Double Mixed*; Pkts. 10c; 1/4 oz. 30c.

**THALICTRUM** *Meadow Rue* (HP, 4 ft.) Ma-S. Prized for dainty, fern-like foliage and interesting flowers. Happy in any well-drained loamy soil. Very easy of culture.

*Aquilegiaefolium*.—Pretty foliage, lilac-rose flowers.

*Dipterocarpum*.—Fern-like foliage; mauve blooms with a touch of yellow. Does best in poor soil in sun. Pkts. 20c ea.

**TIGRIDIA** *Shell Flower* (HP, 2 ft.) Ma-S.

*Pavonia*.—Striking three petalled cup-shaped blooms with bright, tiger-spotted throats. Sunny, well drained spot, light soil. Pkt. 25c; Bulbs, (Available from Nov. to Feb.). 15c ea.; \$1.50 doz.

**TITHONIA** *Mexican Sunflower* (HHA, 6 ft.) M-Ma.

*speciosa*.—Dazzling orange vermillion single blooms on tall, branching stalks till frost. Fine for cutting. Sun. Pkt. 15c.

**TROLLIUS** *Globe Flower* (HP, 4 ft.) S-A.

†*Ledebouri* 'Golden Queen'.—Rich golden outer petals; intense orange smaller center petals; yellow anthers. Blooms 4 in. across are prized for cutting. Extremely floriferous and constant blooming. Seed slow to germinate. Pkt. 25c.

†**URSINIA** *anethoides* (HHA, 1 ft.) F-Ma. Brilliant orange, daisy-like, dwarf growing plants from South Africa. Flowers 2 in. across with deep purple center zone. Finely cut foliage. Fine for cutting. Sun. Pkt. 20c.

†**VENIDIUM** *fastuosum* (HHA, 2 1/2 ft.) F-A. Sun-loving. Gorgeous, rich, orange daisy-like flowers 3 in. across, enhanced by striking jet black center surrounded by purple black zone. Grayish, hairy foliage. Pkt. 20c.

**VERBASCUM** *phoeniceum* (King's Candle) (HP, 4 ft.) Ma-S. Slender, graceful, closely-set spikes of white, pink, salmon and violet above cushions of large woolly leaves. Pkts. 15c.

**VERBENA Vervain** (HHP, 8 in.) Au-N & F-Ma. Colors are refreshing in their brilliance, adding a dash of color to sunny, dry spots.

†**Carmine Ball** 10 in.—Perfectly symmetrical plant 12 inches across, completely covered with from 50 to 60 trusses of bright carmine flowers. Pkt. 20c; 1/16 oz. 65c.

\***Fireball** 6 in.—Very dwarf and erect, bright scarlet. Pkt. 15c; 1/16 oz. 50c.

**hybrida dwarf compact** (erect).—This group is very neat and compact in habit. Continuous bloomers. Adapted for bedding, borders and small gardens.

**hybrida grandiflora**—a magnificent strain of robust habit and free blooming. Trusses are immense, the individual florets measuring 1 inch across.

†**Lavender Glory**—variable lavender with creamy eye.

**Lucifer**—vivid scarlet; **Luminosa**—luminous flame pink shading to salmon; **Rosea Stellata**—pink, white eye; **Blue**—white eye; **Formula Mixed** of named sorts; Pkts. 15c ea.; 1/4 oz. 75c.

\***Royale**—royal blue, creamy yellow eye. Pkts. 20c.

†**Spectrum Red**—The brightest, most dazzling variety in existence. Intense Bright Red; absolutely no eye. Florets 1 1/4 inches across. (SpM, 1934, AAS) Pkt. 25c; 1/16 oz. 65c.

†**Violet Bouquet** 8 in. (See Novelty Page 23.)

**VIOLA Tufted Pansy** (HP-R) Au-M. Perfect for massing in beds, borders, rockeries, and as a ground cover among spring-flowering bulbs and the rose bed. Culture same as for Pansy. (See Page 58)

**Bedding sorts**—Round faces like Pansies. **Apricot**—Rich apricot, tinged orange toward center. Pkt. 20c.

\***Apricot Queen**—Intense apricot shaded yellow, golden brown center, dark eye; Pkt. 25c; †**Arkwright Ruby**—Bright ruby-crimson with terra-cotta shadings, dark central markings; Pkt. 35c; \***Scotch Strains Mixed**—Grand assortment of best varieties, many new shades. Pkt. 25c.

**cornuta**—Dainty, starry-flowers. Perpetual flowering.

**Dwarf-spreading habit. Blue Perfection**—Pale blue; **Lutea splendens**—Golden yellow; **Papilio**—Deep violet; **White Perfection**—White; Pkts. 15c; 1/4 oz. 90c.

\***Jersey Gem**—long season, deep violet-blue. †**Lavender Gem**—Soft deep shade of lavender, drought-resisting, profuse blooming. Pkt. 35c.

**VIRGINIAN STOCKS French Forget-me-nots** (HA, 6 in.) AYR. Produces myriads of four-petalled tiny, single flowers. Blooms 60 to 90 days after sowing. Ideal for covering bare spots, ground cover, borders, etc. Mix with sand and sow broadcast.

**Crimson Gem**—Bright crimson. Pkt. 10c; 1/4 oz. 20c; oz. 50c. **Rose**—soft lavender-rose; **Yellow**—Light yellow; **White**; Pkts. 10c ea.; 1/2 oz. 25c; oz. 40c; **Compact Mixed**, all colors. Pkt 10c; Large Pkt. 25c; oz. 35c; 4-ozs. \$1.00; 1 lb. \$3.00.

**VISCARIA (Rose of Heaven)** (HA) S-Ma. This free-flowering, easily grown, bedding plant has recently advanced in general favor. Showy, single flowers. Mix with sand and sow broadcast, at intervals, for succession of bloom.

**oculata** 1 ft. †**Blue Bouquet**—Strikingly erect growth, large flowers, most beautiful shade of blue. Pkt. 20c. **Rose**, rose with dark eye; \***Delphinium blue**, pure, bright blue; \***Fire King**, brilliant crimson carmine. Pkts. 10c ea.; Choice Mixed; Pkt. 10c; 1/4 oz. 25c; oz. 75c.

**oculata nana compacta (Tom Thumb)** 8 in. We cannot commend these little garden gems too highly. They are charming beyond compare. Individual florets measure about 3/4 inch across and come in such profusion as to create a sea of color. For border, garden bed or as a ground cover. **Love**—Bright, cheery, carmine rose; **Loyalty**, a really true blue; **Innocence** (See Novelty Page 23. Pkts. 10c ea.; 1/4 oz. 75c; oz. \$2.25.

**WALLFLOWER (HP)** Ma-S. Fragrant, old-fashioned garden treasure. Velvety, rich tones of red, yellow and brown. Resemble single stocks. **Blood Red**, 18 in.; **Cloth of Gold**, 18 in.; **Fire King**, 15 in., vivid orange-scarlet; **Orange Bedder**, 12 in., orange to apricot-yellow; **Formula Mixed**; Pkts. 10c. ea.; 1/4 oz. 35c. **Double Mixed**; Pkt. 15c.

**WALLFLOWER (HA)** S-M.

**Gold Standard** (See Novelty Page 23).

**WILD FLOWERS** (Calif. Native Mixed. See Page 26.)

**WILD GARDEN CUT FLOWER MIXTURE** (HA, 2-3 ft.) S-M. Continuous succession of cut flowers from early summer until late fall. Sow broadcast and rake in. Pkt. 10c; oz. 35c; 4 ozs. \$1.00; 1/2 lb. \$1.65; 1 lb. \$3.00.

**WILD GARDEN SEED MIXTURE** (HA, 2 ft.) S-M. Well balanced mixture suited for broadcasting to beautify odd corners, vacant lots, large areas. Excellent gift packets. Pkt. 10c; oz. 35c; 4 ozs. \$1.00; 1/2 lb. \$1.65.

**ZINNIA (HHA)** M-Ju. The hotter the weather, the better the blooms. Always make a showy mass in the garden. Prized for cutting.

†**Crown O'Gold Mixed** 3 ft.—Aristocrat of Zinnias. Petals overlaid deep golden yellow at base, carrying out the individual color at the tip. Old rose, cream, yellow, carmine, red, pink shades. Pkt. 15c; 1/4 oz. 75c; oz. \$2.25.

**Double Lilliput or Pompon** 15 in. Densely double flowers 1 1/2 in. across, make this a little gem for bedding and cutting. **Crimson Gem**; **Golden Gem**; **Salmon Rose**; **Scarlet Gem**; **Canary Yellow**; \***Rosebud**, **Rose pink**; **Formula Mixed**; Pkts. 10c ea. 1/4 oz. 35c.

†**Fantasy**—(See Novelty Page 23).

**Gold Medal Dahlia-Flowered** 3 ft.—Enormous, double flowers 6 to 8 in. across, on robust, branching plants. The following are considered the best of the varieties:

**Canary Bird**—Rich Canary Yellow.

**Crimson Monarch**—Giant deep crimson.

**Dream**—Deep lavender.

**Exquisite**—Light rose, deep rose center.

**Golden Dawn**—Golden yellow.

**Illumination**—Deep rose self.

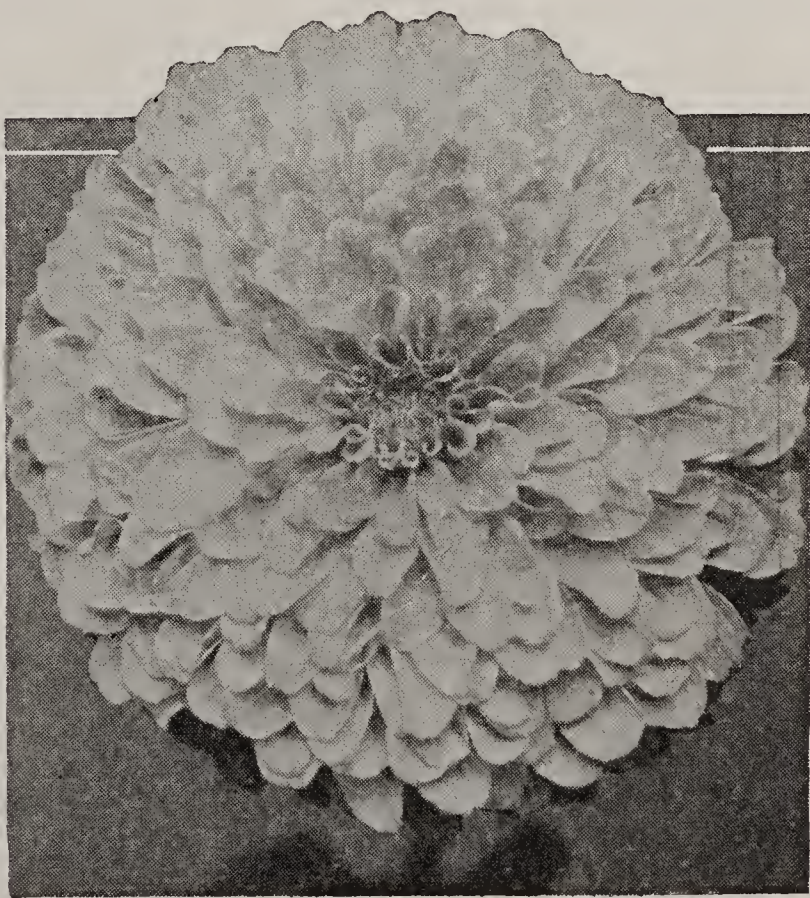
**Oriole**—Orange and gold bicolor.

**Scarlet Flame**—Bright scarlet.

**Formula Mixed**—Balanced blend of named sorts.

Choice of any six of the above for 75c; Pkts. 15c ea.; 1/4 oz. 65c; oz. \$1.90.

†**Scabious-flowered** 3 ft. Exquisite form. Resembles Scabiosa. Medium sized flowers with collar of petals surmounted by full double crest. Rose, crimson, scarlet, gold and purple shades. Comes about 75% true. **Choice Mixed**; Pkt. 20c.



ZINNIA

## NAVLET'S WORLD'S BEST

The list of Sweet Peas offered on these pages has been compiled so as to include the finest and most distinct varieties in existence. The list constitutes in reality, an International Roll of Honor among Sweet Peas.

Each variety listed, so far as we can ascertain, is the proven best in its color class, therefore "Old Favorites" missing from the list have been replaced by superior sorts.

**Abbreviations:** GM., Gold Medal; SM., Silver Medal; AM., Award of Merit. Recent additions to our list indicated by \*.

### Full Cultural Directions in Garden Guide. Page 59



### SUMMER FLOWERING SPENCERS

#### BLUE SHADES

**Amethyst**—A vigorous, clear, bright, amethyst blue with exceptionally large, wavy blooms. One of the best mid-blues to date.

**Blue Bird**—A really blue Sweet Pea. Enormous stems, bearing four to five beautifully frilled flowers.

\***Blue Charm**—(New). Considered the clearest in color of the blues, also the largest. Giant fours and fives on stout stems. Pkt. 15c.

**Fortune**—Wings very rich dark blue; standards rich violet. Produces four to five beautifully waved flowers on long stems.

**Gleneagles**—Beautiful shade of lavender with suggestion of blue. Exceptionally large blossoms, frilled and waved. Fours and fives on very long stems.

#### BLUSH (Pink)

**Beauty**—Largest, most vigorous soft clear pink, flushed on white. Easily the best of its color.

\***Ecstasy**—(New). Charming rosy shell-pink with white base to petals, lively and most attractive. Flowers are bold and frilly. (SM) Pkt. 15c.

#### CARMINE

**Damask Rose**—Shade of the old-fashioned Damask Rose, brightened by a lustrous carmine sheen. Large, well-frilled flowers on stout stems.

#### CERISE SHADES

**Charm**—Rich, glowing, red cerise. Leaves nothing to be desired in form, vigor or size. (SM) (GM)

**Charming**—Large, bright, glowing cerise with salmon sheen. Beautifully waved, and vigorous.

#### CREAM

\***Mastercream**—(New). Black-seeded, strong, vigorous, long-stemmed cream. Stems carry four large, delightfully waved flowers (mostly duplexed), with an occasional five. Pkt. 15c.

**What Joy**—Large, solid, well-waved cream. A vigorous grower, producing fours on strong stems.

#### CREAM PINK

**Magnet**—Brilliant pink, heavily suffused on a rich cream ground. Abundance of fours and fives. (GM)

**Mary Pickford**—A dainty cream pink, faintly suffused salmon. Flowers of perfect form, decidedly waved.

#### CRIMSON SHADES

**Red Boy**—Quite the best deep blood-crimson thus far introduced. Nothing lacking in size, stem, vigor or placement. (AM)

\***Rubicund**—(New) Largest, richest-colored, crimson-scarlet. Flowers exceedingly large, frilled, and well placed on long, stout stems. (AM) Pkt. 15c.

#### LAVENDER SHADES

**Ambition**—A giant lavender-lilac. Very long flower stems bearing four or five enormous beautifully waved and perfectly placed flowers. (AM) (GM)

**Austin Frederick Improved**—Bright and pleasing lavender. Well-shaped, large, blooms artistically arranged in fours on long stems.

**Kathleen Wiltshire**—Slightly paler hue than Powerscourt, and a larger and more frilly flower. (GM)

**Powerscourt**—Considered by many to be the best pure lavender. Flowers very large, refined and nicely placed on long stems. Mostly fours. (AM)

#### MAROON

**Leviathan**—Undoubtedly the largest yet raised. The color is a delightful shade of maroon, similar to but much brighter than Warrior.

#### MAUVE

**Chieftain**—Very long flower stems, bearing four to five immense blossoms of rich pure satiny mauve. Beautifully waved and nicely placed. (GM)

#### ORANGE-SCARLET SHADES

**Colorado**—Dazzling, deep orange, pure and rich. Four and five, sumptuously waved flowers.

**Flamingo**—Absolutely sunproof, glorious orange-scarlet, heavily shaded cerise. A very strong grower, seldom producing less than four flowers. (SM)

**Mammoth**—An intense orange-scarlet, suffused with burnished gold. Retains its remarkable color when cut. Of mammoth size and substance. (AM)

#### PICOTEE EDGED

\***Gloria**—(New). Deep cream, with picotee edge of bright rose. Very large and vigorous. Picotee edge is deep and well defined. (SM) Pkt. 15c.

**Sunkist**—An exact replica of Youth, on a cream ground. Flowers large, bold, well waved.

**Youth**—Strongly perfumed, white ground with slightly more color on the edge.

"50 FEET FOR 50c"—Our famous collection of seven separate named varieties in individual packets. No two alike. Enough seed to provide a 50 foot row of Sweet Pea loveliness. 50c.

**Summer Flowering Spencers**—Mixed. Contains a wonderful range of color. Magnificent edged, mottled, blotched, blended and flaked types included. Large Garden Pkt. 10c. Mammoth Garden Packet 25c; 1/4 lb. 75c; 1/2 lb. \$1.25; 1 lb. \$2.25 Postpaid.

**NITRO-BAC**—Soil Bacteria for Inoculating Sweet Peas. Increase size, length of stem and general vigor. Simply

# GIANT FRILLED SWEET PEAS

UNLESS OTHERWISE INDICATED, all varieties 10c the Pkt., (Your choice of any 6 of the 10c Pkts., for 50c). Ounce, 30c; 4 ozs. 90c; Postpaid.

Varieties marked 15c the Pkt., (Your choice of any 6 of the 15c Pkts., for 75c). Bulk prices quoted on request.

## PINK AND ROSE SHADES

- Ascot**—Flowers intensely frilled, perfectly placed. A charming clear shell-pink self.
- Bonnie Briar**—A sparkling rose pink with amber base. Well placed fours and fives, on strong stems. (SM)
- Corona**—Rich carmine rose with a pure white base. Very large-flowered; blooms of perfect form.
- \***Janet**—(New). Pleasing shade of rose pink. Splendid for garden and exhibition. Pkt. 15c.
- Pinkie**—Large and frilly deep rose pink. Extra long stems. Blooms nicely waved. (SM).
- Royal Pink**—Perfect blend of shrimp-pink and orange. Large, well-formed, waved blooms.

## PURPLE

- Olympia**—The best deep rich purple of exquisite form and immense size. Long-stemmed. (GM)

## RUBY RED

- \***Cavalcade**—(New). A combination of ruby-red, rich rose and golden-salmon. (AM) Pkt. 15c.

## SALMON SHADES

- \***Golden Wings**—(New). Rich salmon-orange. Growth very vigorous and flowers large. Pkt. 15c.
- Mrs. A. Searles**—Rich pink, merging into a soft orient-red self, with subtle undercurrent of golden orange. Absolutely distinct. (GM)
- Smiles**—Clear glistening salmon, shaded shrimp-pink. Sunproof. Prettily frilled petals.

## SCARLET-CERISE SHADES

- All Bright**—Scarlet-cerise intensifying to fiery-scarlet, one of the best reds. Sunproof. (GM)
- \***Flaming June**—(New). Giant, waved, flaming scarlet-cerise. Revels in strongest sunshine. Blooms borne in fours. (GM) Pkt. 15c.
- Huntsman**—Dazzling rich shade of scarlet. Practically sunproof. Large, bold fours on long stems. (GM)
- Welcome**—Rich orange-vermillion. Absolutely sunproof. Undoubtedly the most dazzling pure scarlet self. Nothing lacking in size, stem, vigor. (SM)

## WHITE

- Avalanche**—The best white-seeded white. Pure and opaque, beautifully waved. Plenty of substance.
- \***Felix**—(New). White; speckled and flaked chestnut. Pkt. 15c.
- \***Gigantic**—(New). Fragrant, densely frilled and duplexed white blooms on long stems. (GM) Pkt. 15c.
- Sextet Queen**—Very free and large flowering white. Produces an abundance of fives under ordinary conditions. Many sixes and sevens may be expected.
- \***White Powerscourt**—(New). Possesses all of the good qualities of its lavender prototype, size, form and substance, with longer stem than any other white. Pkt. 15c.

## NEW GIANT RUFFLED

The new Ruffled Sweet Peas have created a sensation. The flowers are large and impressive. The texture is heavy and substantial. The standard and wings are gracefully waved and ruffled, giving the whole flower the appearance of being intensely doubled. Blooms are elegantly displayed in fours on fine long stems.

- \***Lady Ruffles**—Beautiful soft pink self on white ground. Four large ruffled flowers on stout stems. Lasts well when cut. (GM) Pkt. 20c.
- \***Ruffled Carmine**—Lovely, bright carmine-rose. Large frilled blooms in long-stemmed sprays. Pkt. 15c.
- \***Ruffled Primrose**—Best primrose or cream. Black-seeded, but free from pink hue. Frilled. Pkt. 20c.

**Harmony Mixed Giant Spencer Sweet Peas**—A brilliant blend of Orchid-flowering Spencers, carefully selected from among the best varieties in the Sweet Pea World. This, our own formula, cannot be excelled at any price. All vigorous-growing, long-stemmed sorts running mostly to fours. Heavy, dark shades are eliminated. Mammoth Packet 50c.



RUFFLED WHITE

- \***Ruffled Orchid**—Warm lavender-rose with pastel-mauve sheen, producing delicate orchid shade. Large, fully ruffled blooms. Pkt. 15c.
- \***Ruffled Rose**—Perfectly ruffled, large blossoms of soft, rich rose with a soft glow. Pkt. 15c.
- \***Ruffled White**—(New). The outstanding White Sweet Pea. Gigantic blooms, often five to a spray. Beautifully ruffled with duplex and triplex standards. Appears almost double. Pkt. 25c.
- \***Ruffled Mixed Sweet Peas**—Contains only the new types of wonderful ruffled and frilled sweet peas that appear double. Many showy colors. Pkt. 20c; ½ oz. 55c; oz. \$1.00 Postpaid.

## EARLY FLOWERING SPENCERS

Planted at the same time as the Summer Flowering Spencers, they will flower from four to six weeks earlier.

- Amethyst**—Royal purple.
- Annie Laurie**—Richest pure rose-pink.
- Aviator**—Dazzling crimson scarlet.
- Blue Bonnet**—Best clear deep blue.
- Burpee's Orange**—Clear, pure deep orange.
- \***Burpee's White**—(New). Fragrant white. Pkt. 25c.
- \***Eileen**—(New). Begonia, salmon, changing to dazzling cerise. Fours and fives. Pkt. 25c.
- \***Exposition Pink**—(New). Gorgeous rich pink. Pkt. 25c.
- Grenadier**—Dazzling scarlet.
- \***Lavanda**—(New). Large, waved, pure, clear lavender. Fours, perfectly placed. Pkt. 25c.
- Pal**—Long-stemmed rosy-crimson.
- \***Peachblow**—(New). Ruffled, clear rose-pink on cream, overlaid amber. Pkt. 25c.
- Early Flowering Spencers Mixed. Garden Pkt. 10c.**
- Mammoth Pkt. 25c; oz. 40c; 4 ozs. \$1.20.**

**CUPID SPENCER SWEET PEAS**—Distinct from ordinary Cupid Mixed. Lovely, large blooms in great profusion on dwarf, spreading plants. Ideal for borders, and as a ground cover. 1 foot tall. **Balanced Mixture of named sorts. Pkt. 15c; oz. 35c; ¼ lb. \$1.00.**

place the contents of packet in a cup, add 1 teaspoon of water, stir seeds in mixture, plant immediately. Pkt. 10c

# Grow Your Own Vegetables from Navlet's Selected Seeds



STRINGLESS GREEN POD

**ARTICHOKES** (Large Green Globe)—Most popular variety. Pkt. 10c; oz. 60c.

**ASPARAGUS**—Plant from February to May.

**Mary Washington**—Nearly rust proof. Thick, large, heavy shoots, dark green. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 50c; 1 lb. \$1.50.

**Palmetto**—Grown extensively for the markets. Early, mammoth, prolific and regular bearing. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.25.

**BROCCOLI** (Italian Green Sprouting)—Large, compact bunch of green buds. After center bunch is removed, plant throws out numerous branches. Pkt. 5c; ½ oz. 25c; oz. 45c; 2 ozs. 75c. Plant in Spring for Summer crop; in June for Winter crop.

## BEANS

**DWARF GREEN PODDED**—Large Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

**Bountiful**—Green pods are often eight inches long, tender and brittle.

**Burpee's Stringless Green Pod**—Early, round flesh, pods straight, brittle and entirely stringless.

**Dwarf Cranberry or Horticultural**—Pods medium, dry beans are large, oval and nearly covered with splashes of bright red.

**Extra Early Refugee or 1000 to 1**—Pods nearly round, pale green, five inches long.

**Extra Early Tender Podded Red Valentine**—Pods medium length, fleshy, round and saddle backed.

**French String Bean**—Green podded, with black seed. Very productive.

**DWARF WAX PODDED**—Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

**Davis White Wax**—Pods long and yellow, seeds white.

**Imp. German Black Wax**—Pods are rounded, meaty and deeply saddle-backed. The flesh is brittle, solid, and entirely stringless. Early.

**Imp. Golden Wax**—Heavy yielder. Pods thick, dark rich golden yellow color.

**POLE**—Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

**Burger's Pole**—Long, brittle, stringless pods of excellent flavor.

**Horticultural or Speckled Cranberry**—Fleshy, dark green pods, marked with rich carmine flakes and stripes.

**Kentucky Wonder or "Old Homestead"**—King of pole beans. Color green, stringless.

**Kentucky Wonder Wax**—Rich golden-yellow pods. Stringless and tender.

**Scarlet Runner**—Favorite English climbing bean. Also an ornamental climber.

**White Creaseback or Blue Lake**—Early, green podded. Pods grow in clusters, round, and deeply creased or "saddle-backed".

We prize the confidence of our customers too highly to sell any but the highest grade seeds. Therefore, we exercise the greatest care to have all seeds true to name, full of life, and absolutely reliable. And we give you big, well filled packets—a generous money's worth always at Navlet's. Prices listed postpaid.

## LIMA BEANS

**Burpee's Improved Bush**—Measures 5 to 6 inches long, by 1¼ inches wide. Pkt 10c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.75.

**Fordhook Bush Lima**—Thick sweet Beans in clusters of 2 to 5, on long spikes. Pkt. 10c; ½ lb. 25c; 1 lb. 45c; 5 lbs. \$2.00.

**Henderson's Bush Lima**—Extremely early. Bears throughout Summer until frost. Large pods well filled. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

**King Of The Garden (Pole)**—Medium early sort. Well filled pods, 5 to 6 inches long, filled with 4 to 5 good sized Beans. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

## BEAN—Ornamental Varieties

**Celestial Bean**—Sometimes called yard long Bean. Good table Bean. Excellent for arbor covering. Pkt. 25c; ¼ lb. 75c.

**Guinea Bean**—Cook like Summer Squash. If allowed to grow the Bean will grow 4 to 5 feet long. Pkt. 10c.

## BEETS

**STOCK VARIETIES**—Pkt. 5c; ¼ lb. 25c; 1 lb. 75c; 10 lbs. \$6.50.

**Improved Golden Tankard**—The best yellow Mangel.

**Long Red Mangel**—The best long red Mangel.

**Yellow Globe Giant Mangel Wurtzel**—Flesh white, firm, sweet and very nutritious.

**SUGAR VARIETIES**—Pkt. 5c; ¼ lb. 25c; 1 lb. 75c; 10 lbs. \$6.50.

**French White Sugar**—Very valuable for stock feeding, and excellent for table use.

**Klein Wanzleben**—This is a wedge-shaped variety. Contains saccharine matter; good for stock food.

## TABLE VARIETIES—

**Crosby's Egyptian**—Early. Root dark, round on top, flat beneath, flesh dark red with rings lighter hue. Hard, crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 75c; 1 lb. \$1.25.

**Detroit Dark Red**—Medium sized, smooth and globe shaped, skin dark red. Pkt. 5c; oz. 15c; ½ lb. 75c; 1 lb. \$1.35.

**Early Blood Turnip**—Rich, red flesh exceedingly tender and delicious. Pkt. 5c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

**Improved Blood Turnip**—Flesh blood red. Tops are green. Pkt. 5c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

## BRUSSEL SPROUTS

Plant January to April; July to October.

**Dwarf Perfection**—Produces large solid sprouts. Cook same as Cauliflower. Pkt. 5c; oz. 25c; 2 ozs. 45c; ¼ lb. 75c.

## CARDOON

Plant year 'round.

**Large Smooth**—Best variety. Leaves and stems must be blanched like Celery. Pkt. 5c; oz. 35c.

## CHARD

Pkt. 5c; oz. 20c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

**White Rib**—Large pale green leaves with white rib.

**Giant Lucullus**—Plant seed in early Spring. As soon as cut new shoots will spring up. Large curly leaves with thick light-colored mid-ribs, which may be cooked like Asparagus.

## CRESS

**Pepper Grass**—A quick-growing vegetable, used for salads. The leaves are finely cut and feathery, like a good parsley. Growth dwarf and compact. Ornamental and crispy, pungent. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

**Water Cress**—A fine salad. Also used as a garnish for meats during the Winter. It has a pleasant and peculiar flavor. Pkt. 5c; oz. 60c; ¼ lb. \$2.00; 1 lb. \$6.00.

VEGETABLES are better when "GROWN TO ORDER"

CABBAGES

EARLY VARIETIES

Copenhagen Market—Early variety. Fine heads, very solid. Pkt. 5c; oz. 30c; 2 ozs. 55c; ¼ lb. 90c.  
Early Large Jersey Wakefield—Head conical, very compact. Leaves stout and thick. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c.  
Early Winningstadt—Hardy and sure to head. Compact and upright. Thick leaves. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c.

SECOND EARLY VARIETIES—

Early Drumhead—Flat head, very solid. Leaves dark green. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c.  
Early Dwarf Flat Dutch—Heads large, solid, crisp and finely flavored. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c.  
Green Globe Savoy—Curled Cabbage. Tender, crisp and finely flavored. Pkt. 5c; oz. 35c; 2 ozs. 60c; ¼ lb. \$1.00.

WINTER CABBAGES—

Large Late Drumhead—Very productive. Produces enormous solid heads. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c.  
Premium Flat Dutch—Market variety. Heads solid. Keeps long time without bursting. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c.

RED CABBAGE—

Red Dutch—Large, slightly rounded head. Pkt. 5c; oz. 30c; 2 ozs. 55c; ¼ lb. 90c.

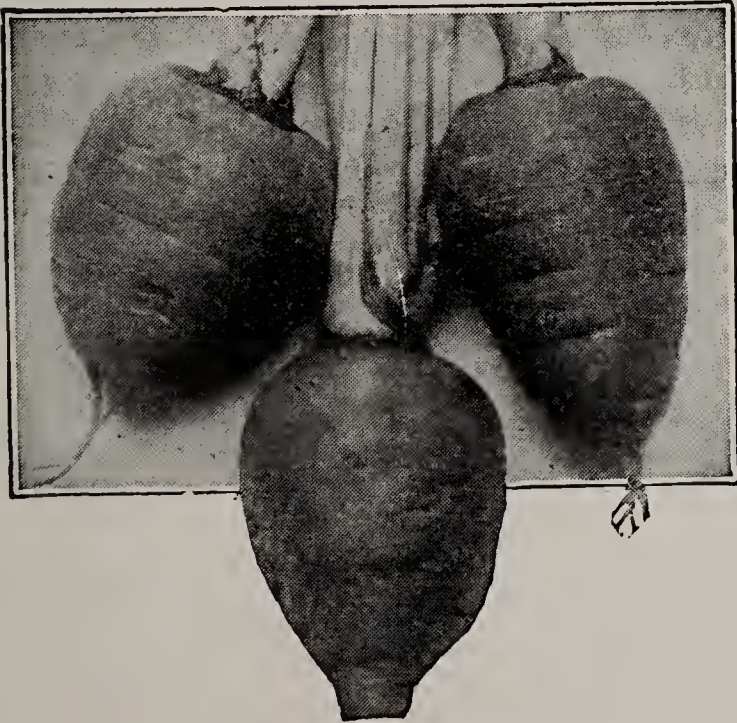
WONG BOK—Chinese or Celery Cabbage. Fine for salads and greens. Pkt. 5c; oz. 35c; 2 ozs. 60c; ¼ lb. \$1.00.

CAULIFLOWER

C.C.N. Co.'s Ely Danish-Dwarf—Heads large, solid, snow-white. Pkt. 15c; ¼ lb. 75c; ½ oz. \$1.25; oz. \$2.25; 2 ozs. \$4.00.  
Snowball—Pure snowy-white. Strong grower. Curds close and compact. Pkt. 15c; ¼ oz. 75c; ½ oz. \$1.25; oz. \$2.25; 2 ozs. \$4.00.  
Veitche's Autumn Giant, Late—Large heads, firm, well protected heads. Pkt. 5c; ¼ oz. 25c; ½ oz. 35c; oz. 60c; 2 ozs. \$1.00.

CARROTS

Chatenay—Early, about 6 inches long, stump rooted. Pkt. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.  
C. C. N. Co.'s Orange Colored—About 4 inches across the shoulder. 9 to 11 inches long. Stump rooted. Pkt. 5c; oz. 20c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.  
Ely French Forcing—Reddish-orange, nearly round, about two inches in diameter. Pkt. 5c; oz. 20c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.



OXHEART CARROT



FLAT DUTCH CABBAGE

CARROTS—Continued

Ely Oxheart or Guerande—A thick Carrot 5 inches long and very blunt. Deep red. Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.  
Danvers Half Long—A cylindrical-shaped Carrot of large size and stump rooted. Pkt. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.  
Improved Long Orange—Roots 12 to 15 in. long. Good variety for table and market. Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.  
Nantes—Coreless, brittle and fine grained, sweet flavor. Reddish-orange, skin smooth. 6 inches long, cylindrical and stump-rooted. Pkt. 5c; oz. 20c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.  
White Belgian—Grows largely above ground, the roots attaining a surprising size. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; 1 lb. 75c.

CELERY

Celeriac (Turnip Rooted Celery)—Large, smooth Prague. Pkt. 10c; oz. 35c; 2 ozs. 60c.  
Giant Pascal—It blanches to a beautiful yellowish-white color, solid and crisp. Pkt. 5c; 1 oz. 35c; 2 ozs. 60c.  
Golden Plume or Wonderful—A yellow Celery. Full hearted and stocky. Pkt. 5c; ½ oz. 35c; oz. 60c; 2 ozs. \$1.00.  
Golden Self Blanching (Paris Golden)—The stalks are thick and brittle—the hearts large and solid. Pkt. 5c; ½ oz. 30c; oz. 50c; 2 ozs. 85c.  
White Plume—Earliest variety. When three-fourths grown draw or press the soil around the plant, it will soon be fit for use. Pkt. 5c; oz. 35c; 2 ozs. 60c.

CHICORY

Large Roots—Fine for salad. The dried roots used as a substitute and an adulterant of coffee. Pkt. 5c; oz. 25c; ¼ lb. 85c.  
Small Rooted or Radichetta—Pkt. 5c; oz. 25c; ¼ lb. 85c.  
Witloof (French Endive)—Is used as a salad and is most delicious served with French dressing and eaten like Lettuce. Pkt. 5c; oz. 25c; ¼ lb. 85c.

COLLARDS

Extensively grown for the table and stock. Forms large, loose, open heads. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

CORN SALAD

Fetticus or Lamb Lettuce—Used during the Winter and Spring months as a substitute for Lettuce. Also cooked and used like Spinach. Pkt. 5c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

# CRISP AND FRESH FROM YOUR OWN GARDEN

## CORN

Pkt. 10c; ½ lb. 25c; 1 lb. 45c; 5 lbs. \$2.00.

**Alameda Sweet or Early Mammoth**—Remarkably productive. Large ears. Excellent flavor.

**Bantam or Golden Evergreen**—Large ears. With 14 to 18 rows of golden cream, deep kernels.

**Black Mexican**—Sweet as honey. The grains when first perfected are pure white, soon becoming almost black.

**Country Gentleman**—The finest of all Sweet Corn for the table. Sweet and tender.

**Golden Bantam**—Early. Medium size, delicious yellow kernels.

**Golden Sunshine**—Early yellow. 10 and 12 rowed.

**Stowell's Evergreen**—Very productive, tender and sugary. Suitable for boiling.

## CUCUMBERS

(See Hotkaps, Page 50)

**Arlington White Spine**—Uniform in size, averaging 7 to 8 inches in length, straight, color green. Pkt. 5c; oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

**Clark's Special**—Deep green. Uniform length, running from 8 to 10 inches, smooth. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

**Gherkins**—For pickles. Small, oval, prickly. Pkt. 5c; oz. 30c; ¼ lb. 90c.

**Green Prolific (Boston Pickling)**—Favorite with pickle growers. Medium size, smooth, symmetrical, light green. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.

**Improved Long Green**—Fruit about 12 inches long, firm and crisp. Excellent for pickles. Pkt. 5c; oz. 30c; ¼ lb. 90c; 1 lb. \$3.00.

**Japanese Climbing**—10 to 12 inches in length. Flesh thick and firm, fine for pickling as well as slicing. Pkt. 5c; oz. 30c; ¼ lb. 90c.

**Klondyke**—Early dark green, prolific, fine shipping sort. Pkt. 5c; oz. 25c; ½ lb. 75c; 1 lb. \$2.25.

**Lemon**—Fruit is as large and shaped like a lemon. Pkt. 5c; oz. 25c; ¼ lb. 75c.

**Telegraph**—Measuring 16 inches or more. Contains very few seeds. Pkt. 25c.

## DANDELION

**Improved Large Leaved**—The largest leaved and best cutting variety. Pkt. 5c; ¼ oz. 25c; oz. 75c.

## EGG PLANT

**Early Long Purple**—Fruit is thin skinned and 6 to 10 inches long. Pkt. 5c; oz. 50c; 2 ozs. 85c.

**New York Improved Purple**—The fruit is of large size with smooth, glossy, deep purple skin. Pkt. 5c; oz. 50c; 2 ozs. 85c.

## ENDIVE

**Broad Leaved Batavian (Escarolle)**—Broad, thick, plain or slightly wrinkled leaves forming a large head. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Large Green Curled**—Strong growing, by tying up can be made to form finely blanched centers of good quality. Pkt. 5c; ¼ lb. 45c; 1 lb. \$1.25.

## KOHL RABI

**Early White Vienna**—Its Turnip shaped bulb is formed above ground. This is the best variety for table use. Pkt. 5c; oz. 25c; ¼ lb. 75c.

## GARLIC SETS

Plant September to December. Garlic gives a flavor all its own to salads and meats. 1 lb. 25c; 10 lbs. \$2.00.



## KALE

**Dwarf Green Curled Scotch**—Curly, bright green leaves, tender and of delicate flavor. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Tall Green Curled Scotch**—Finely cut leaves, 2½ feet high. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Tall Jersey**—Producing tremendous mass of beautifully curled leaves. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

## LETTUCE

**Big Boston**—Bright light green tinged with brown. Tight-headed. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

**California Cream Butter (Cabbage Lettuce)**—Very buttery, rich golden yellow inside. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

**Chicken Lettuce**—Seeds up a stout stalk 3 to 4 feet high, loaded with leaves like Jersey Kale. Plants can be cut down, new shoots will grow. Pkt. 5c; oz. 10c; ¼ lb. 50c; 1 lb. \$1.50.

**Early Curled Simpson**—Light green non-heading variety. Crisp, sweet flavored. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

**Hanson's**—Head crisp, mild, tender. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

**Iceberg**—Large solid light green heads, slightly tinged with brown. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

**Los Angeles**—Large, crisp, tight heads. All season Lettuce. Pkt. 5c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

**New York No. 12**—An early variety which does well in mid-Summer. Trifle light in color. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

**Prizehead**—Leaves are brownish red, and very early. Loose head. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

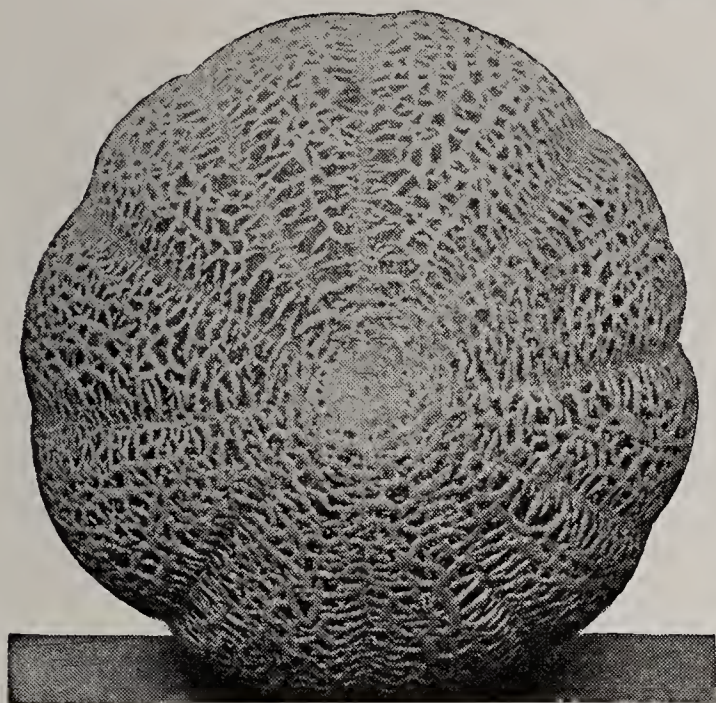
**White Los Angeles**—Large, solid heads, resembling the Los Angeles, excepting the leaves, which are lighter in color. Pkt. 5c; oz. 20c; ¼ lb. 75c; 1 lb. \$2.00.

**White Paris Co.'s Romaine**—Full headed. Crisp, tender heads, long and conical. The leaves require to be tied up, when they quickly bleach to snowy white. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.



GOLDEN SUNSHINE CORN

# GROW YOUR OWN MELONS AND ONIONS



HACKENSACK MUSKMELON

## MUSKMELON

(See Hotkaps, Page 50)

- Hackensack or Turk's Cap**—Early. Fruit large. Ribs large. Flesh green, thick, very sweet. Pkt 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.
- Hearts of Gold**—Measures about 5½ inches long and 6 inches in diameter. Flesh salmon. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.35.
- Hoodoo**—Early and prolific. Medium size. Seed cavity small. Flesh orange or salmon color. Pkt. 5c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.
- Navlet's Millionaire**—Flesh unusually thick, a tempting cream color. Sweet as honey. Fairly melts in your mouth. Pkt. 15c; oz. 75c; ¼ lb. \$2.50; 1 lb. \$7.50
- Persian**—Large and heavy—8 to 10 inches in diameter. Very netted, globular in shape. Color bright orange. Flavor different. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00
- Rockyford or Netted Gem**—Averages 5 to 6 inches in length. Skin rich, greenish gold. Flesh exquisite texture. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.35.

## CASABAS—(Winter Muskmelon)

(See Hotkaps, Page 50)

- Golden Beauty**—Flesh thick. Flavor combination pineapple and wild muskmelon. 12 inches long. Skin smooth, finely mottled, dark green and yellow. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.
- Honey Dew**—Melon medium size, 6 inches in diameter, slightly oblong. Skin smooth, color while growing white, when ripe creamy color. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

## WATERMELONS

(See Hotkaps, Page 50)

- Angelino**—Deep red flesh, dark green skin. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.
- Chilian**—Slightly oblong. Skin deep green, mottled and striped deeper green. Flesh bright red. Sweet flavor. Pkt. 5c; 1 oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.
- Citron**—Red seeded, small globular variety. Striped and marbled with light green, flesh white. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.
- Florida Favorite**—Fruit oblong, skin dark green, flesh deep red. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.
- Georgia Rattlesnake (or Gypsy Oblong)**—Oblong, good size, rind thin, light green with beautiful stripes, flesh bright scarlet. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.
- Kleckley Sweets (sweetest of all)**—Fruit large, oblong, skin dark green, rind thin, flesh bright scarlet. Average 18 to 20 inches in length by 10 to 12 inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.
- Klondyke**—Popular shipping variety. Oblong dark green. Flesh brittle, bright red and very solid. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.
- Tom Watson**—Long shape, dark green, no stripes, flesh red. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

## LEEK

Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50.

**American Flag**—The favorite variety with market gardeners.

**Large Flag or London**—The sort usually cultivated. Hardy and vigorous.

## ONIONS

**Australian Brown**—Earliest to ripen. Longest keeping variety. Medium size. Clear, amber brown in color. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.

**Bunching Onions**—Very best for early small green onions. Pkt. 5c; oz. 30c; ¼ lb. 90c; 1 lb. \$3.00.

**Early Sweet Spanish**—Large, mild, yellow, globe shaped onion. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.25.

**Navlet's King of Yellows**—Uniform in size, leader of the yellow skins, flesh white and fine grained. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

**Prizetaker**—Mild, tender, colossal size. Pkt. 5c; oz. 20c; ¼ lb. 90c; 1 lb. \$3.00.

**Red Bottle Shaped or Long Italian Red**—Light red, long and narrow. Early, mild. Fine for slicing. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

**Red Weathersfield**—Produces colossal crops. Skin is a deep rich purplish red and smooth, flesh white and mild. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

**Southport White Globe**—Silvery-white bell shaped, large, firm, mild, excellent keeper, globular form. Pkt. 5c; oz. 25c; ¼ lb. \$1.35; 1 lb. \$4.50.

**Southport Yellow Globe**—A popular orange-yellow. Pkt. 5c; oz. 40c; ¼ lb. \$1.20; 1 lb. \$4.00.

**White Barletta**—Finest of all for small pickles. Early, mild, sweet. Pkt. 5c; oz. 30c; ¼ lb. 90c; 1 lb. \$2.75.

**White Portugal (or Silver Skin)**—A splendid white onion. Pkt. 5c; oz. 40c; ¼ lb. \$1.20; 1 lb. \$3.75.

**White Queen**—An early flat onion, very mild, pure white, small in size and chiefly grown for pickling. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

**Yellow Globe Danvers**—Heavy yielder. Round, depressed at top and bottom. Pkt. 5c; oz. 40c; ¼ lb. \$1.20; 1 lb. \$4.00.

**ONION SETS**—May be used as little green onions in salads, or allowed to ripen into large onions.

Yellow—20c per lb., 25c by mail.

Kindly refer to Planter's Guide for Seasons in which to Plant, quantities required, etc. Page 63.



CHAS. C. NAVLET CO.'S KING OF YELLOWS

## ALL FAVORITE PEAS



LAXTON'S  
PROGRESS  
PRODUCE  
WELL FILLED  
PODS

### MUSTARD

**Southern Giant Curled**—Used in the Spring as a salad. Our stock is the curled leaf, and produces plants 2 feet high, and of greater breadth, forming enormous bunches. Oz. 10c; ¼ lb. 25c; 1 lb. 75c.

### MUSHROOM SPAWN

Send for cultural pamphlet. 40c per brick, 45c post-paid; 5 bricks \$1.75, purchaser to pay transportation.

### PARSLEY

Pkt. 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 40c.

**Moss Curled**—Compact growing, finely curled. Deep green color.

**Plain or Single**—Leaves flat, not curled.

**Triple Cured**—Crimped and curled.

**Turnip Rooted (or Hamburg)**—Plain leaved variety. Edible root.

### OKRA or GUMBO

**OKRA OR GUMBO**—Plant from March to June. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

**Tall or Perkins Mammoth**—Pods measure 4' to 5 inches. Produced in great quantities. Green color, best quality.

**White Velvet**—Pods large, round and smooth.

### PARSNIPS

Plant July to Nov.; plant Jan. to June. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

**Hollow Crown**—(Very Popular Sort)—Root white, very tender, with a smooth, clean skin. The variety is easily distinguished by the leaves growing from a depression on the top or crown of the root.

**Long Dutch Sugar**—(Great Keeper)—Root very long white smooth, tender and of most delicious flavor. Very hardy and will keep through the Winter without protection.

### PEAS

Large Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

#### EARLY VARIETIES—

**Alaska (or Earliest of All)**—Vines 2 to 2½ feet with small Peas, pods well filled.

**American Wonder**—10 to 12 inches high. Very prolific, fine flavor. First of the wrinkled varieties to mature.

**Dwarf Telephone or Daisy**—Vines 2 feet. Produces freely, well filled pods.

**Gradus**—Large podded wrinkled variety. Vines 3 to 3½ feet. Peas large, light green in color.

**Laxton Progress**—Pods pointed, dark green, well filled and prolific.

**Premium Gem (or Little Gem)**—Dwarf wrinkled variety. Pods good sized, filled with 6 to 8 light sweet flavored Peas. Vines about 15 inches high.

#### LATER VARIETIES—Large Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

**Alderman**—Dark green vines. Height 4½ to 5 feet, very productive. Pods large, often 5 to 5½ inches long, broad. Color, rich dark green.

**Edible Podded**—Pods large, sweet, brittle and extremely tender.

**Strategem**—Grows a vigorous vine, heavily laden with immense pods, containing 10 to 12 peas of large size.

**Telephone**—Vine vigorous, large pods, peas tender, sweet and of excellent flavor.

**Yorkshire Hero (or Alameda Sweet)**—Early and late variety. Grows 2½ feet in height. Pods broad, Medium sized, well filled.

### PEPPERS

(See Hotkaps, Page 50)

**Anaheim Chili**—Every plant bears 30 to 40 large Peppers from 6 to 10 inches long. Pkt. 5c; oz. 50c; 2 oz. 85c.

**California Wonder**—Thickness of flesh alone often ¼ inch. Crisp and juicy, growing 5 inches long and 4 inches wide. Unusually good for serving whole. Pkt. 5c; oz. 60c; 2 oz. \$1.00.

**Chinese Giant**—Thick, tender sweet flesh. Excellent for salads or stuffing. Ripens glossy scarlet. Pkt. 5c; oz. 60c; 2 oz. \$1.00.

**Large Bell or Bull Nose**—Very productive, ripening its crop uniformly and early. Fruit large, cylindrical, with thick, mild flesh. Pkt. 5c; oz. 45c; 2 oz. 80c.

**Long Red Cayenne**—Slim pointed pod about 4 inches long. Bright red color. Strong and pungent flesh. Pkt. 5c; oz. 50c; 2 oz. 85c.

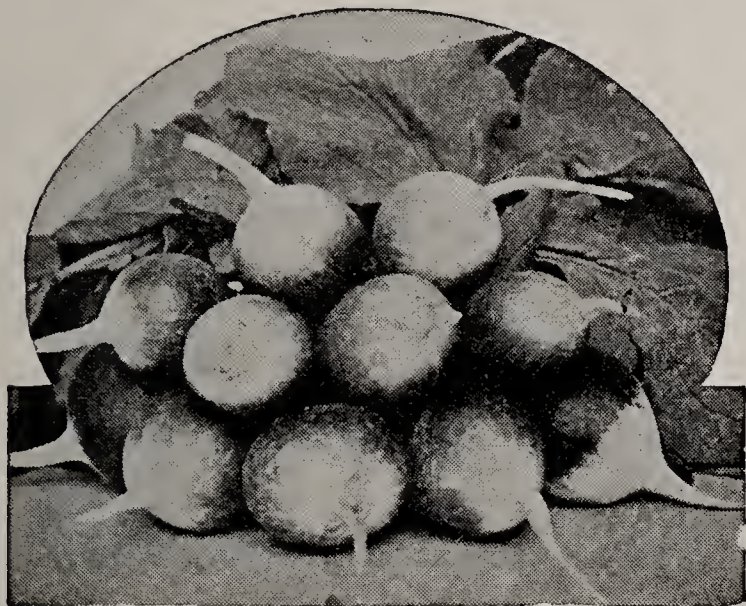
**Pimiento**—Sweet Pepper, good for salads, either fresh or canned. Pkt. 5c; oz. 45c; 2 oz. 80c.

**Red Chili**—Used in pepper sauce. Bright rich red pods about 2 inches long, tapering to a sharp point. Pkt. 5c; oz. 50c; 2 oz. 85c.



LONG DUTCH SUGAR

# PLANT ABUNDANTLY—GROW YOUR OWN



SCARLET TURNIP WHITE TIP

## RADISH

Pkt. 5c; oz. 15c; ¼-lb. 35c; 1 lb. 90c.  
 Crimson Giant.  
 Ely Scarlet Turnip.  
 Early Half Long Brightest Scarlet.  
 Early Long Scarlet.  
 Early Olive Shaped or Half Long Scarlet Olive.  
 Early White Turnip Rooted.  
 French Breakfast.  
 Icicle.  
 Long Black Spanish.  
 Mammoth White China or California.  
 Round Black Spanish.  
 Scarlet Turnip White Tip.  
 Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

## RHUBARB

Giant Crimson (Winter)—Stems often weigh over a pound. Extraordinary producer. Pkt. 5c; oz. \$1.00.  
 Linnaeus—Remarkable early, tender and fine flavored Rhubarb. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

## RUTABAGAS

Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.  
 Swede Purple Top—Flesh yellow and sweet. Color deep purple above, yellow under the ground.  
 Sweet Russian (or White Rutabaga)—Flesh white, solid, brittle, sweet and rich.

## SALSIFY

A healthful winter vegetable, served boiled with butter or other suitable sauce, or sliced and fried, or used in soup. Pkt. 5c; oz. 25c; ¼-lb. 75c; 1 lb. \$2.25.

## SPINACH

Pkt. 5c; oz. 10c; ¼-lb. 20c; ½-lb. 35c; 1 lb. 60c.  
 Bloomsdale Savoy Leaved—Earliest variety. Upwright growth. Pointed leaves which are crimped like those of Savoy Cabbage.  
 Long Standing Bloomsdale—Leaves large, thick, fleshy and crumpled.  
 New Zealand—Thick, fleshy texture and soft crystalline leaves. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.  
 Prickley Winter—The leaves are oblong or arrow-shaped. Adapted for Fall sowing.  
 Round Summer Thick Leaved—Leaves large, thick and fleshy. Stands exposure well.

## TURNIPS

Early Snowball—A round, medium-sized turnip, smooth white skin, very early, sweet and tender. Pkt. 10c; oz. 20c; ¼-lb. 35c; 1 lb. \$1.00.  
 Early White Flat Dutch—Strap leaved. Early, sweet and tender. Medium size, flat, ivory-white in color. Pkt 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; 1 lb. 75c.

## TURNIPS—Continued

Extra Early Purple Top Milan—Smooth, flat, symmetrical roots, purple red above ground, white underneath. Flesh white, crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.  
 Large Yellow or Amber Globe—Good cropper. Keeps well, medium size, smooth skinned, pale yellow. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; 1 lb. 75c.  
 Purple Top Strap Leaved—Early table variety. Flat, medium size. Color dark purple above ground, white below. Flesh white. Pkt. 5c; oz. 15c; ½ lb. 45c; 1 lb. 75c.  
 Purple Top Flat Dutch—Early, first variety, white, purple top. Pkt. 5c; oz. 15c; ¼-lb. 25c; ½-lb. 45c; 1 lb. 75c.  
 Purple Top White Globe—Equally desirable for table or stock. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; 1 lb. 75c.  
 White Egg—Early, small oval-shaped, with pure white flesh. Pkt. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; 1 lb. 75c.

## VEGETABLE PLANTS

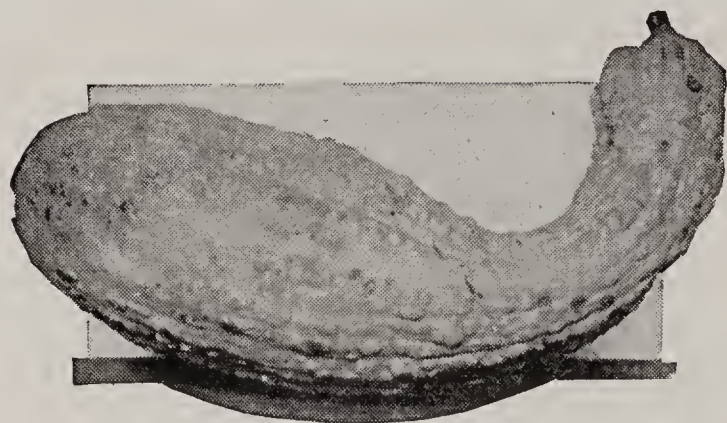
All orders for \$1.00 and over delivered free; otherwise add 15c per dozen for Postage and Packing.

ASPARAGUS ROOTS—35c doz.; \$2.50 per 100.  
 CABBAGE PLANTS—Early and Late varieties. 15c doz.; \$1.00 per 100; \$6.00 per 1,000.  
 CAULIFLOWER PLANTS—15c per doz.; \$1.00 per 100; \$6.00 per 1,000.  
 CELERY PLANTS—Self Blanching. 20c per doz.; \$1.50 per 100.  
 CHIVES—10c per clump; \$1.00 per doz.  
 EGG PLANT—25c per doz.; \$1.50 per 100.  
 HORSERADISH ROOTS—35c, 40c postpaid per doz.; \$2.50 per 100.  
 KALE PLANTS—Tall Jersey. 15c per doz.; \$1.00 per 100; \$6.00 per 1,000.  
 MINT ROOTS—20c each; \$2.00 per doz.  
 PARSLEY PLANTS—Curled. 6 for 30c; 50c per doz.  
 PEPPER PLANTS—Sweet or Hot. 20c per doz.; \$1.50 per 100.  
 RHUBARB ROOTS—Crimson winter and strawberry. 20c each; \$2.00 doz.  
 SAGE PLANTS—20c each; \$2.00 per doz.  
 SWEET POTATOES—20c per doz.; \$1.50 per 100.  
 TARRAGON OR ESTRAGON—20c per plant.  
 THYME PLANTS—20c each; \$2.00 per doz.  
 TOMATO PLANTS—Earliana, Ponderosa, San Jose Canner. 25c per doz.; \$1.50 per 100.



THE PURPLE TOP IS ONE OF THE SWEETEST AND TENDEREST OF THE TURNIPS

# HERE ARE THE BEST TOMATOES AND SQUASH



CROOKNECK SQUASH

## SQUASH

(See Hotkaps, Page 50)

### WINTER SQUASH—

**Banana**—One to two feet in length. Flesh firm and solid. Orange-yellow. Keeps one season until another. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Boston Marrow**—Fruit oval, skin thin. When ripe is bright orange. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Hubbard**—Flesh bright orange-yellow. Sweet. Keeps throughout Winter. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Perfect Kem or Cream**—Round, 4 to 6 inches in diameter. Skin cream. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

### SUMMER SQUASH—

**Early White Bush Scallop**—Dwarf habit and upright growth. Fruit white, green tinge, tender. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Early White Bush Scallop**—Green type. Similar to the well known White Bush Scallop. Fruit green. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

**Golden Summer Crookneck**—Early, heavily warted and light golden-yellow. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Italian Squash (Zucchini)**—Earliest of all. Dark green color at first, changing to a lighter green later. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

## PUMPKINS

(See Hotkaps, Page 50)

**Connecticut Field or Pie Pumpkin**—Large yellow. Produces enormous crops. Cultivated for feeding stock. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 80c.

**Cushaw Green Striped**—There is more Pumpkin for its size because of the small seed cavity. It is excellent for pies and yields enormously. Crooknecked. Pkt. 5c; ¼ lb. 45c; 1 lb. \$1.25.

**King of the Mammoths (Potiron)**—Fruits grow to mammoth size, reaching two feet or more in diameter and from 100 to 200 pounds or over in weight. Salmon-orange skin. Very thick, bright yellow flesh, finely grained, tender and of excellent quality for pies. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.25.

**Mammoth**—This is the "jumbo" of the Squash family. Grows 2½ to 3 feet in length; often attains more than 100 pounds in weight. Pkt. 5c; oz. 20c; 1 lb. \$1.50.

## HERB SEEDS

**Anise**—Used as a cordial and for garnishing and flavoring. Pkt. 10c; oz. 30c.

**Basil**—Sweet. The leaves are used for flavoring soups, stews and highly-seasoned dishes. Pkt. 10c; oz. 40c.

**Borage**—The leaves are used for flavoring and the flowers furnish bee pasture. Pkt. 10c; oz. 50c.

**Caraway**—Grown for the seeds, which are used extensively for flavoring of bread, pastry, etc. Pkt. 10c; oz. 25c.

**Catnip or Catmint**—The leaves are used for seasoning. It also makes an excellent bee pasture. Pkt. 10c.

**Chervil**—Used in soups and salads. Pkt. 10c; oz. 15c.

**Coriander**—The seeds are used in the manufacture of liquors and confectionery. Pkt. 10c; oz. 25c.

**Dill**—The seeds have an aromatic odor and warm, pungent taste. They are used as a condiment and also for pickling cucumbers. Pkt. 10c; oz. 25c.

## TOMATOES

(See Hotkaps, Page 50)

**Navlet's Earliest of All**—Fruits immense. Flesh solid, deep red. Excellent for salads or for cooking. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$5.00.

**Bonny Best**—Very early. Fruit round, light scarlet, very productive. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

**Earliana**—Extremely early. Flesh solid, with few seeds. Particularly fine quality. Pkt. 5c; oz. 40c; 2 oz. 70c.

**Golden Queen**—Large yellow, fruit smooth, well shaped. Delicious flavor. Pkt. 5c; oz. 60; 2 oz. \$1.00.

**Ground Cherry or Husk**—Grows like a Tomato. The small fruit is enveloped within a husk. Good for preserving. Pkt. 10c; oz. 20c; oz. 60c.

**Marglobe**—Early, produces large smooth, meaty, globular, red fruit; ripens uniformly, free from cracks. Extra cropper resistant to wilt. Pkt. 10c; oz. 75c; ¼ lb. \$2.25.

**Navlet's San Jose Canner**—Developed for the commercial canner. Well colored. Large size. A prolific producer. Highly satisfactory to can. Pkt. 5c; oz. 50c; 2 oz. 90c.

**Norton or Wilt Resistant Stone**—Prolific. Fruit is bright red, smooth and thick. Pkt. 10c; oz. 60c; ¼ lb. \$1.75.

**Ponderosa**—Meaty as beef-steak. Almost seedless. Glowing crimson clear to heart. Excellent for slicing or salads. Pkt. 5c; oz. 60c; 2 oz. \$1.00.

**Red Pear Shaped**—Like a pear. Small, about 2 or 3 inches long. Bright scarlet. Delicious for preserves or salads. Pkt. 5c; ¼ oz. 20c; oz. 60c.

**Stone**—Round apple-shaped. Deep red. Uniform in size. Vigorous and productive. Pkt. 5c; oz. 35c; 2 oz. 60c.

**Yellow Pear Shaped**—Small, golden yellow. Shaped like a pear. Pkt. 5c; ¼ oz. 20c; oz. 60c.



EARLY WHITE BUSH SCALLOP SQUASH

**Fennel**—Sweet. The boiled leaves are used in sauces. Pkt. 10c; oz. 30c.

**Marjoram**—Sweet. The leaves and the ends of the shoots are esteemed for seasoning in Summer and seasoning for dressing. Pkt. 10c; oz. 50c.

**Rosemary**—The aromatic leaves are used for seasoning. Pkt. 10c; oz. \$1.00.

**Rue**—For medicinal purposes. Good for the croup. Pkt. 10c.

**Sage**—The most extensively used of all herbs as a seasoning for dressing. Pkt. 10c; oz. 50c.

**Summer Savory**—A hardy annual. The dried stems, leaves and flowers are extensively used for flavoring—particularly in dressings and soups. Pkt. 10c; oz. 75c.

# LAWN GRASS SEEDS AND TURF MIXTURES

See "How to Make a Lawn" (Page 60)

## BENT, GOLF-A-LAWN (*Agrostis stolonifera* Astoriana)

This strain has a wide range of adaptability and is especially suited to the heavier soils. It spreads from underground creeping roots which produce a splendid upright growth of fine texture and of a rich green color. Makes a permanent turf which will stand hard usage. Unexcelled in combination with other turf-forming grasses for the home lawn, such as is to be found in our A-1 Mixture. Especially fine for Putting Greens, Bowling Greens, Athletic Field Mixtures and Estates. Certified Seed: 1 lb., \$2.00; 10 lbs., \$17.50. (Sow 1 lb. to 350-500 sq. ft. of area.)

## BENT, SEASIDE (*Agrostis stolonifera* maritima)—

Often referred to as Coos County Bent, Cocoos Bent. A true, stoloniferous, creeping bent. As its name implies, it thrives in the lighter soils adjacent to the sea coast. Makes a splendid, permanent turf either used alone or in combination with other turf-forming grasses. Certified Seed: 1 lb., \$2.00; 10 lbs., \$17.50. (Sow 1 lb. to 350-500 sq. ft. of area.)

## BLUE GRASS, KENTUCKY (*Poa pratensis*)—Produces

a firm, velvety, elastic turf of deep, vivid green. Thrives in open situation away from Summer Fogs. Roots deeply, forming a permanent turf on the heavier types of soils. Gold Seal triple-recleaned; plump, heavy seed pods, purest and highest germinating seed possible to secure: 1 lb., 75c; 10 lbs., \$6.50. (Sow 1 lb. to 225 sq. ft. of area). Extra Fancy Seed, specially recleaned: 1 lb., 65c; 10 lbs., \$6.00. (Use 1 lb. to 175 sq. ft. of area.)

## CHEWINGS FESCUE (*Festuca rubra* var., fallax)—A

hardy, low-growing grass, producing very fine, needle-like spears which rarely exceed 6 inches in height. Dense, turf-forming habit. Very hardy on the thin or poorer types of gravelly and sandy soils. Does well in sun or partial shade. 1 lb., \$1.10; 10 lbs., \$10.00. (Sow 1 lb. to 150 sq. ft. of area.)

## CREEPING FESCUE True Red (*Festuca rubra* var., genuina)—A scarce and superior strain of true Creeping

Fescue, somewhat similar in appearance to Chewings Fescue, but with slender creeping rootstocks by which it spreads to form a very rich, dark green, velvety turf—unquestionably one of the most beautiful of any of the grasses. Particularly adapted to growing on sandy loams, but succeeds well on clay loams or even on clays. Does well in sun or partial shade. 1 lb., \$1.50; 10 lbs., \$12.50. (Sow 1 lb. to 150 sq. ft. of area.)

## ROUGH STALKED MEADOW (*Poa trivialis*)—A

spreading species with narrow, flat, dark green leaves, similar to Kentucky Blue Grass, to which it is related. Starts quicker and spreads faster to form a permanent turf, in a shaded position. 1 lb., 70c; 10 lbs., \$6.50. (Sow 1 lb. to 150 sq. ft. of area.)

## RED TOP (*Agrostis alba*)—Gives a quick growth and

succeeds in all soils, doing best on moist soils. Used in blends with other grasses. 1 lb., 45c; 10 lbs., \$4.00. (Sow 1 lb. to 350 sq. ft. of area.)

## RYE, PACEY'S PACIFIC RYE (*Lolium perenne*)—

Valuable in lawn as a nurse grass and where quick results are desired. Leaves narrow, flat and smooth, the under side being glossy. Is also known in the Bay District as Pacific Rye. It is a short seeded type, more desirable than Australian Rye. 1 lb., 35c; 10 lbs., \$3.00; 20 lbs., \$5.00. (Sow 1 lb. to 100 sq. ft. of area.)

## WHITE CLOVER (*Trifolium repens*)—Of dwarf habit,

making an excellent turf that stands constant tramping. Used considerably in mixtures as a nurse crop as it germinates rapidly. 1 lb., 70c; 10 lbs., \$6.50; 20 lbs., \$11.00. (Sow 1 lb. to 200-300 sq. ft. of area.)

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**PLEASE NOTE:** Write for prices on larger quantities; Grass seed prices fluctuate with the market and are not guaranteed. Please turn to "Lawn Care," Planter's Guide.

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## LAWN MIXTURES

There are many advantages in securing carefully executed formulas of turf and lawn grass mixtures for definite exposures and soil conditions. No one grass, or grass seed mixture will thrive under all exposures surrounding a home, especially if there are hedges or trees to create shade.

Species of grasses vary in their range of adaptation to soil and climate and exposure; consequently, it stands to reason that, using several congenial grasses together, the chances of securing a good permanent turf are correspondingly increased.

Single strain lawns, of Bent, or Fescue, require considerably more attention than the average Home Gardener cares to or has the time to give them, inasmuch as each type of lawn grass seed has its good and its poor or rest periods.

### A-1 SPECIAL TURF MIXTURE—Contains a portion

of Bent in combination with other fine-leaved, turf-forming, long-lived grasses. Improves with age. No Rye or Clover. We offer this as the best blend possible to obtain for a permanent turf. Unexcelled. 1 lb., \$1.25; 10 lbs., \$12.00. (Sow 1 lb. to 250 sq. ft. of area.)

### GOLDEN GATE MIXTURE IMPROVED—A popular

mixture of hardy grasses with a little Clover, which grows quickly and stands considerable abuse. Thrives in light and medium heavy soils. 1 lb., 50c; 10 lbs., \$4.50. (Sow 1 lb. to 100 sq. ft. of area.)

### NAVLET'S EMERALD GREEN TURF MIXTURE—

A carefully blended mixture of permanent fine leaved deep green grasses without Bent, Clover or Rye. Will make a hardy, green turf the year round. Satisfactory for sun and half-shaded situations. 1 lb., 75c; 10 lbs., \$7.00. (Sow 1 lb. to 175 sq. ft. of area.)

### NAVLET'S SAN JOSE HIGH SCHOOL LAWN MIX-

TURE—A combination of ruggedness with a smooth, velvety appearance is given by this sturdy mixture. Thrives in heavy soil, where summers are hot. 1 lb., 75c; 10 lbs., \$7.00. (Sow 1 lb. to 150 sq. ft. of area.)

### PANAMA-PACIFIC LAWN GRASS—Our own care-

fully blended mixture with Clover of varieties which produce a thick velvety lawn, permanent and hardy in most soils. This mixture is one of our best sellers and has proven extremely satisfactory. 1 lb., 60c; 10 lbs., \$5.00. (Sow 1 lb. to 150 sq. ft. of area.)

### SHADY LAWN GRASS—This is a special blend of

shade-loving grasses for lawns facing the North without much sunshine and shady spots under trees and places where there is little direct sunlight. It will quickly produce an abundant and even growth of beautiful deep green grass. 1 lb., 70c; 10 lbs., \$6.50. (Sow 1 lb. to 175 sq. ft. of area.)

### LIPPIA PLANTS—This creeping lawn plant solves the

problem of maintaining a beautiful lawn through the dry California Summer. Requires little or no water. Resembles Clover in appearance. Comes in slabs, enough to plant 100 square feet, (plants one foot apart). \$1.25 per slab, shipped at purchaser's expense.

### BERMUDA GRASS Devil Grass (*Cynodon dactylon*)—

Forms abundant creeping underground stems. Thrives in all types of soil when well-drained. Shows a notable preference for compact soils such as clays and clay loams. Thrives in interior valleys. Turns brown in winter. Will not germinate excepting under several weeks of hot, humid weather. 1 lb., 50c; 10 lbs., \$4.50. (Sow 1 lb. to 300 sq. ft. of area.)

**FRUIT—NUT TREES—GRAPE VINES**

PRICES QUOTED ARE F. O. B. ANY OF OUR STORES OR NURSERIES



BARTLETT PEAR

**FRUIT TREES**

- APPLE**—4 to 6 feet, 50c each; 10 for \$4.50.  
 Gravenstein—(S)—Large, striped apple.  
 Red Astrachan—(S)—Large, deep crimson.  
 Red Siberian (Crabapple)—Yellow with scarlet cheek.  
 Yellow Bellflower—(W)—Pale lemon yellow.  
 Yellow Newton Pippin—(W)—Large, yellow.  
 Yellow Siberian (Crabapple)—Red and yellow.
- APRICOT**—4 to 6 feet, 50c each; 10 for \$4.50.  
 Blenheim—Orange with a deep yellow cheek.  
 Moorpark—Deep orange or brownish red. Quite juicy.
- CHERRY**—4 to 6 feet, 60c each; 10 for \$5.50.  
 Bing—Fruit large, dark brown or black.  
 Black Tartarian—Bright purplish black.  
 Royal Ann—Pale yellow with a bright red cheek.
- FIG**—4 to 6 feet, 50c each; 10 for \$4.50.  
 Adriatic—Fruit above medium size, skin white and thin.  
 Black Mission—Well known California black, fruit large, dark purple, almost black.  
 Kadota—Medium size, thin, white skin and white pulp.
- NECTARINE**—4 to 6 feet, 50c each; 10 for \$4.50.  
 Boston—Large deep yellow, with deep mottlings of red. Ripens in July.
- PEACH**—4 to 6 feet, 50c each; 10 for \$4.50. Freestone Variety.  
 Early Crawford—Large, yellow Peach of good quality.  
 Hales Early—Skin greenish-white, red cheek.  
 Strawberry—Skin marbled with deep red.  
 Tuscan (Clingstone)—A good shipping and canning Peach.
- PEAR**—4 to 6 feet, 50c each; 10 for \$4.50.  
 Bartlett—(S)—Large, clear lemon-yellow.  
 Winter Nellis—Yellowish green, dotted with russet.
- PLUM**—4 to 6 feet, 50c each, 10 for \$4.50.  
 Green Gage—Round greenish-yellow with brown dots.  
 Santa Rosa—Large, purplish-crimson, flesh yellow streaked with crimson.  
 Satsuma—Red flesh.  
 Wickson—Yellow overlaid with carmine.
- POMEGRANATE**—4 to 5 feet, 65c each.
- PRUNE**—4 to 6 feet, 50c each; 10 for \$4.50.  
 French—Medium size egg-shaped, violet-purple.  
 Imperial Epineuse—Skin thin and a reddish purple when green.  
 Sugar—An extremely early Prune. Very large.

**NUT TREES****WALNUTS—**

Franquette—(Grafted)—Nut very large and long. Kernel full-fleshed, sweet and rich. Trees 4 to 6 feet \$1.00 each; \$9.00 for 10.

Payne's Seedlings—(Grafted)—4 to 6 feet, \$1.00 each; \$9.00 per 10.

**ALMONDS**—4 to 6 feet 50c each; \$4.50 per 10.

**IXL**—Nuts large. Hulls easily. Shells soft, but perfect.

**Nonpareil**—Heavy, regular bearer. Of Paper Shell Type.

**CITRUS TREES**

$\frac{5}{8}$  to  $\frac{3}{4}$  caliber, \$2.00 each.

Height about  $3\frac{1}{4}$  to 4 feet from bud.

**LEMON**

Villa Franca—Oblong, thin rind, juicy, nearly seedless.

**ORANGE**

Washington Navel—Rapid grower, early, prolific crop-per.

**POMELO**

Marsh Seedless—Nearly seedless, juicy. Commonly known as Grape Fruit.

**GRAPE VINES**

20c each; \$1.50 per 10; \$12.50 per 100.

**Alicante-Bouschet**—Black berries, sweet bright red juice.

**Black Muscat**—Skin thin and tough, dark reddish purple with thin blue ribbon.

**Emperor**—Clusters large, with large oval rose colored berries.

**Flame Colored Tokay**—Berries large, skin thick, pale red.

**Malaga**—Berries oval, yellowish-green, skin thick and fleshy.

**Thompson's Seedless**—Greenish yellow and entirely seedless.

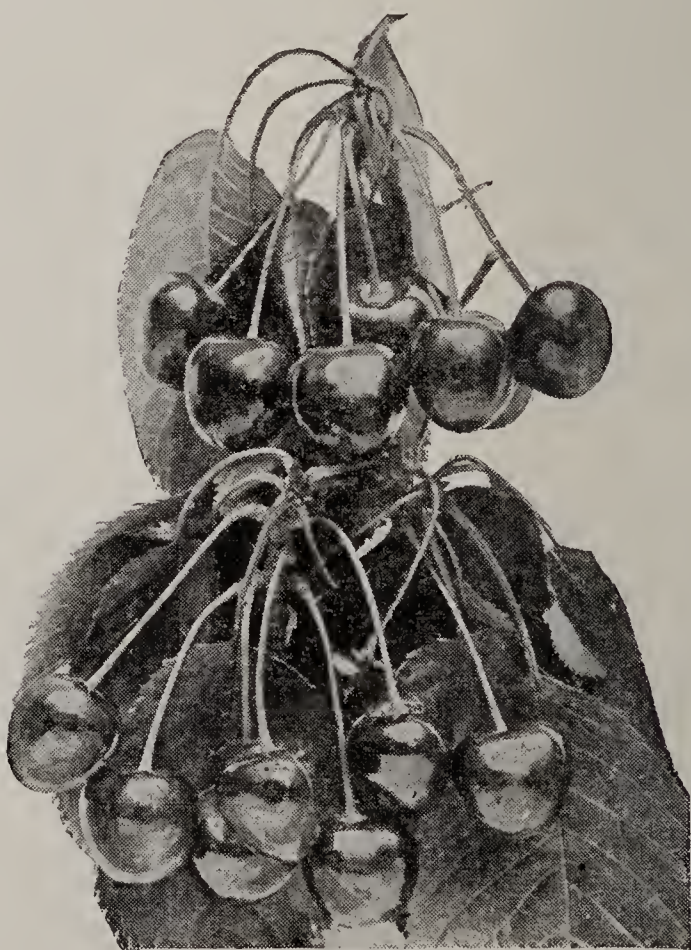
**Zinfandel**—Black grapes. Planted extensively as a juice grape.

These varieties 25c each; \$2.00 per 10.

**Concord**—Berries large, globular, almost black.

**Niagara**—Large round greenish-white berries, ambered in sun.

**Pierce (Isabella Regis)**—Berries very large, black.



BING CHERRY

## VARIOUS BERRIES

Orders for \$1.00 and over for all items of berries, we pay postage. Under \$1.00 if no other plants ordered add 15c extra to cover postage and packing.



BANNER

### BLACKBERRIES

15c each; 6 for 75c.

**HIMALAYA GIANT**—A late Blackberry, coming after the other berries are gone and ripening over a period of several weeks. In northern California they are seldom injured by frost, as they blossom after all frosts are over. Must be grown on a trellis.

**MAMMOTH (or Black Logan)**—A rapid grower, trailing upon trellises. Canes are large and strong. Fruit enormously large often reaching 2½ inches in length. Seed small and soft.

**THORNLESS (Cory's)**—Perfectly Thornless—Grows like the Mammoth Blackberry. Rapid grower; canes large and strong; foliage large, thick and deep green in color; fruit large, early.

### CURRENTS

25c each; 6 for \$1.25.

**CHERRY**—The largest Red Currant. Berries grow in immense clusters.

**WHITE GRAPE**—Hardest White Currant introduced.

### DEWBERRIES

20c each; 6 for \$1.00.

**LUCRETIA**—The Dewberry is a wonderful berry; ripening an immense crop of fruit early.

### STRAWBERRIES

**BANNER**—The Pacific Coast's most popular Strawberry, producing berries of uniformly good size, finely shaped, of a rich, red color. Vines are vigorous and produce abundantly, making them preferred by commercial growers, while their fine flavor makes them popular for home gardens. 30c for 12; \$2.00 per 100; \$15 per 1,000.

**MAGOON**—This self-fertilizing Strawberry is a leader in hardiness. The berries are large and of fine form. They are bright red in color, and have a very rich, full flavor. 12 for 30c; 100 for \$2.00.

**MARSHALL**—Large size, very sweet with excellent flavor. Heavy producer. Good market variety. 12 for 30c; 100 for \$2.00.

**Pruning the Cane Fruits**—Blackberries, Dewberries, Raspberries, etc. The cane fruits bear on the growth of the previous season. The first thing to remember then is: **cut out old canes as soon as they have fruited.** Better done soon as possible after the crop is harvested, although it may be deferred to Fall or Winter. Over prolific varieties, should have all but four or five canes cut out to the ground. Cut back the new canes and their side shoots a third or so in the winter or early spring.

### GOOSEBERRIES

20c each; 6 for \$1.00.

**CHAMPION**—Berries large and brownish red.

**DOWNING**—Fruit pale green, large and juicy.

### LOGANBERRIES

15c each; 6 for 75c.

Long fruit, dark raspberry red, with shape of blackberry and a flavor which favors both.

### YOUNGBERRIES

15c each; 6 for 75c.

Mammoth berries, cross between the Loganberry and the Dewberry. Ideal for jelling and canning.

### RASPBERRIES

**CUTHBERT**—"The Queen of the Market"—A hardy variety. The berries—a deep, rich crimson in color. 15c per plant; \$1.00 per 10.

**GREGG**—Best Black Variety—Canes grow strongly and under good culture are very productive. Berries large, firm, meaty and of fine flavor. 25c each; 10 for \$1.50.

**RENAREE**—Superior to any other Raspberry—Berries are deep, rich crimson in color, delicious flavor and firm. Heaviest bearer. 15c each; \$1.00 per 10.



RENAREE RASPBERRY

## PET FOODS, REMEDIES AND SUPPLIES

### NAVLET'S AIR-WASHED BIRD SEED

We gladly quote quantity prices on request. (Add 10c first lb., 5c each additional 2 lbs., for postage).

We have but one object in mind in making our bird seed mixtures—to secure only the freshest, recleaned, air-washed seeds and to blend them in such proportions as will constitute a balanced ration. Navlet Bird Seed Mixtures always make friends of those who observe that there is no "filler" or wasted seed. The Birds like them to the last grain. Always feed Navlet's Song Restorer and Conditioner in connection with Navlet Mixed Bird Seeds in order to keep birds in prime health. Always sold in bulk—always fresh.

**AVIARY MIXED BIRD SEED**—A blend of Air-washed seed with Hemp, for Birds having plenty of exercise in large cages or aviaries. We do not recommend this for cage birds inasmuch as the hemp is inclined to make them sluggish. 1b. 10c; 3 lbs. 25c.

**CANARY SEED.** Re-cleaned, 1b. 15c; 2 lbs. 25c.

**DOMESTIC RAPE.** Re-cleaned, 1b. 10c; 3 lbs. 25c.

**FINCH MIXTURE.** A mixed blend of seeds particularly adapted to the requirements and well being of Finches. 1b. 15c; 2 lbs. 25c.

**HEMP.** Re-cleaned, 1b. 10c; 3 lbs. 25c.

**LOVE BIRD MIXTURE.** A well balanced blend of Air-washed foods essential to good health of Love Birds, Parakeets, Java Sparrows, etc. 1b. 15c; 2 lbs. 25c.

**OAT GROATS.** Re-cleaned. 1b. 15c; 2 lbs. 25c.

**PARROT MIXTURE.** Parrots, too, should have a balanced ration, to promote and sustain good health and plumage. Our Parrot Mixture is an ideal mixture containing necessary Seeds, Grains, Nuts and Crackers. 1b. 25c; 5 lbs. \$1.00.

**ROLLER MIXED BIRD SEED**—The Roller requires special blends of healthful, song promoting seeds, differently combined and proportioned than for other birds. Ours is just this—and the seed used is of course Air-washed. 1b. 15c; 2 lbs. 25c. No hemp.

**SMALL YELLOW MILLET.** Re-cleaned, 1b. 10c; 3 lbs. 25c.

**SONG RESTORER AND CONDITIONER**—A combination of Air-washed, select and finest quality ingredients that is a treat and stimulant for Canaries, Linnets, and Seed-eating birds. Fed in lesser amounts to birds in song, it keeps them well and healthy and builds up resistance against colds, etc. Good to the last grain. Unexcelled, for loss of voice, breeding and moulting birds. ¼-lb. 15c; 1 lb. 50c.

**SPECIAL MIXED BIRD SEED**—Our biggest seller. Has all of the goodness and health value possible to include in a balanced mixture. No Hemp. This Air-washed blend provides a sustaining diet for a cage bird in restricted quarters. 1b. 15c; 2 lbs. 25c.

**SUNFLOWER.** Fancy re-cleaned, 1b. 15c; 2 lbs. 25c.

**SWEET GERMAN RAPE.** Re-cleaned, 1b. 15c; 2 lbs. 25c.

### BIRD REMEDIES AND SUPPLIES

**CRUSHED OYSTER SHELL.** Hens will lay hard shelled eggs when supplied with this source of Calcium Carbonate. Sprinkle on floor of cage over Bird Gravel. 10c package.

**FLAKE BIRD CHARCOAL.** Purifies and cools the blood, aids in digestion. Carefully screened, therefore free of dust. 10c package.

**MIXED BIRD GRAVEL.** A correctly proportioned blend of our Washed Bird Gravel together with our Flake Bird Charcoal and Crushed Oyster Shell (Source of Calcium Carbonate). Keeps birds healthy through perfect digestion. 1½ lbs. 10c; 5 lbs. 25c.

### BIRD REMEDIES AND SUPPLIES (Cont'd)

**WASHED BIRD GRAVEL.** Sterile, washed, screened, smooth and clean. Wonderful aid to digestion. Does not cake. 2 lbs. 10c; 10 lbs. 25c.

**Bird Baths**—Porcelain or crystal, 20c ea., 25c postpaid.

**Bird Coloring**—25c can; 30c postpaid.

**Bird Leg Bands**—Aluminum and numbered. 25c doz., 30c postpaid.

**Bird Lice Powder**—25c, 30c postpaid.

**Bird Manna**—15c ea., 20c postpaid.

**Bird Nesting Food**—4 oz. 15c, 20c postpaid.

**Bird Tonic**—Small size 15c ea., 20c postpaid; large size 25c ea., 30c postpaid.

**Brass Cage Springs with Chain**—25c ea., 30c postpaid.

**Cage Brackets**—Stationery, 35c ea., 40c postpaid; swinging, 25c ea., 30c postpaid.

**Cod Liver Oil and Nestling Food**—4 oz. 20c, 25c postpaid.

**Cuttlebone**—3 small sizes 10c, 15c postpaid.

**Cuttlebone Holder**—10c ea., 15c postpaid.

**Pulvex**—Kills fleas and lice on Dogs, Cats, Foxes, Poultry and Birds. 2 oz. can 50c, 60c postpaid.

**Spratt's Sing Song**—15c, 20c postpaid.

**Wicker Bird Nests**—15c ea., 20c postpaid.

**Wire Bird Nests**—15c each, 20c postpaid.

**Wire Cage Springs**—15c ea., 20c postpaid.

### CAT FOOD AND SUPPLIES

**Cat Food**—Carton 30c, 35c postpaid.

**Catnip Leaves**—15c pkg., 20c postpaid.

**Catnip Mice**—15c, 20c postpaid.

### DOG FOODS

**Calif. Pup-O**—For delicate appetite or recovering from sickness. 1 lb. 15c, 25c postpaid; 10 lbs. \$1.35, \$1.70 postpaid; 100 lbs. \$11.00 charges collect.

**Circles**—1 lb. 15c, 25c postpaid; 10 lbs. \$1.25, \$1.70 postpaid; 100 lbs. \$11.00 charges collect.

**Dog Biscuits**—1 lb. 15c, 25c postpaid; 10 lbs. \$1.25, \$1.60 postpaid; 100 lbs. \$10.00.

**Dog Food**—1 lb. can 15c, 25c postpaid.

**Kibbled Biscuits**—Meat-bone biscuits. 1 lb. 15c, 25c postpaid; 10 lbs. \$1.25, \$1.60 postpaid.

**Puppy Biscuits**—1 lb. 15c, 25c postpaid; 10 lbs. \$1.25, \$1.75 postpaid; 100 lbs. \$10.00 charges collect.

### FISH SUPPLIES

**Aquarium Castles**—20c up to 60c postpaid.

**Fish Food With Shrimp.** Pkt. 10c; ¼ lb. 25c; ½ lb. 40c; 1b. 75c.

**Fungus Remedy**—For Gold Fish suffering from Fungus, Tailrot, Parasites and overfeeding. Pkg. 25c, 35c postpaid.

**Plain Fish Food.** For inside globes and aquariums. Package 10c; ¼ lb. 15c; ½ lb. 25c; 1b. 40c.

**Sea Shells**—11 oz. 40c, 50c postpaid; 4 oz. 20c, 30c postpaid.

**Turtle Food**—½ oz. 10c, 15c postpaid.

### POULTRY SUPPLIES

**Chicken Leg Bands**—Green or Red. 15c doz.; 25 for 25c

**Chicken Lice Powder**—30c pkg., 35c postpaid.

**Tobacco Dust**—Used in poultry food to control ground worms. 2 lbs. 25c, 45c postpaid; 10 lbs. 90c, \$1.25 postpaid; 100 lbs. \$7.50.

## GOPHER, MOLE, RAT, SQUIRREL, Etc., CONTROLS

**Cyanogas**—(See Page 54, Item 14).

**Dead Sure Rodent Destroyer**—Generates high pressure gas when lighted. Sure death to Gophers and burrowing rodents. 12 for 50c; 100 for \$3.25.

**Gopher Gas Balls**—Light and roll down open burrow. Generates deadly gas. 12 for 60c; 50 for \$2.00.

**K. R. O.**—(Kills Rats Only). Can be used on baits around home, warehouse, poultryhouse or any infested building with safety. 2 ozs. 75c; 85c PP.

**McAbee Gopher Traps**—Wire. 25c PP. 12 for \$2.50.

**Never Fail Gopher Gun**—Setting off of gun by rodent means sure death, no escape. \$1.75 PP.

**Paradichlor**—(See page 55, Item 29).

**Poisoned Barley**—(See Page 55, Item 3).

**Rat Scent and Gopher Scent**—Specially prepared poisoned combinations of scented, sundried grains, very attractive to Rodents. Small size, 35c; Medium size, 50c.

**Reddick Mole Trap**—Standard for years. \$1.50; \$1.65 PP.

GARDEN, FARM AND ORCHARD REQUISITES

PP (Postpaid). Items so marked are sent postage free to fourth zone. Otherwise the buyer pays postage. PRICES: Subject to change without notice.

BAMBOO CANES.

Tidy gardeners use these neat green-stained canes as plant supports. Use Raffia for ties.

Size	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.
Dozen .....	\$ .10	\$ .15	\$ .20	\$ .25	\$ .35
Per 50.....	.35	.40	.55	.70	1.10
Per 100.....	.60	.75	1.00	1.35	2.00

BULB PLANT SPRINKLERS. (Add 10c each by mail.) For sprinkling Potted plants, Cut Flowers; and for dampening clothes. Sturdy rubber bulbs. Fine spray heads. Scollay, \$1.50; Navco, 50c.

BUDDING & PRUNING KNIVES (Add 10c each by mail). No. 1477, single blade, tapered, flat, natural bone handle, \$1.90; No. R1568, single blade, hardwood handle, budding tip on blade, \$1.25; No. R3583, two-blade, pruning and budding, bone handle, \$1.50; No. R698, single hook blade, pruning wood handle, \$1.25.

CARBOLA (Disinfecting Whitewash). (See Tree White) The standard material for basements, outhouses, fences, poultry coops, rabbit hutches, etc. 5 lbs., 85c, \$1.00 PP; 10 lbs., \$1.50.

FLOWER POTS, FERN DISHES (Plain terra-cotta.) Prices are f.o.b. our stores. Shipped at Customer's Risk. Fern Dishes are about 3/4 depth of pots. Standard Flower Pot usually about as deep as its diameter.

	Each	Per 10	Per 100
2 1/2-inch .....	\$ .03	\$ .25	\$ 2.00
3-inch .....	.04	.30	2.50
4-inch .....	.05	.45	3.75
5-inch .....	.07	.60	5.50
6-inch .....	.10	.85	7.25
7-inch .....	.15	1.40	12.50
*8-inch .....	.20	1.85	17.50
9-inch .....	.30	2.75	24.00
*10-inch .....	.50	4.50	.....
12-inch fluted.....	1.00	9.00	.....
14-inch fluted.....	2.00	.....	.....
16-inch fluted.....	3.00	.....	.....

Seed pans, 1/3 as deep as standard pot, carried in sizes indicated by \*. Prices as shown.

Saucers (Plain terra-cotta). Leakproof. Use 4 in. saucer for 5 in. pot, etc., up to 12 in. size. The 12, 14 and 16 in. saucers match same size pots.

	Each	Per 10	Per 100
4-inch .....	\$ .05	\$ .40	\$ 3.50
5-inch .....	.06	.50	4.25
6-inch .....	.07	.60	5.25
7-inch .....	.12	1.00	9.50
8-inch .....	.15	1.35	12.50
9-inch .....	.20	1.65	15.50
10-inch .....	.25	2.00	18.75
12-inch .....	.45	3.50	.....
14-inch .....	.70	6.00	.....

FLOWER POTS AND SAUCERS (Glazed terra-cotta.) These are very attractive for the room, porch, or solarium. Colorful pots enhance the beauty of plants. Pots and Saucers to match come in Green, Deep Blue, Black, Yellow, White.

Note: Saucers match same size pots.

	5 in.	6 in.	7 in.	8 in.	9 in.
Flower Pot.....	25c	35c	40c	60c	80c
Saucer.....	15c	20c	25c	30c	40c

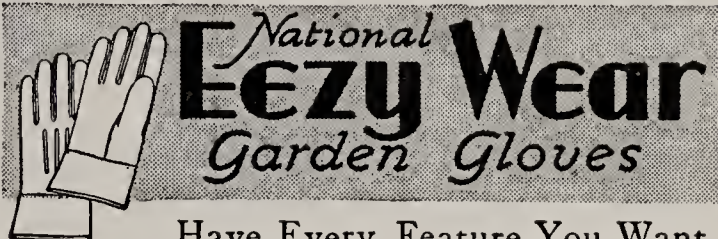
FLOWER POTS (Neponset Paper)

Made of very tough, specially treated paper. Holds moisture very well.



	Per 10	Weight	Per 100
2 1/2-inch .....	\$ .10	1 1/2 lbs.	\$ .75
3-inch .....	.15	2 1/2 lbs.	1.00
4-inch .....	.20	4 lbs.	1.25
5-inch .....	.25	6 1/2 lbs.	1.75
6-inch .....	.30	8 1/2 lbs.	2.25

(If desired by mail, add postage according to weight)



Have Every Feature You Want in a Garden Glove

All-Leather—DIRT PROOF—Durable  
SOFT — Comfortable — WASHABLE

Easy on the hands and easy to wear!

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents a pair, postpaid (2 pr. \$1.40.)

GLASS SUBSTITUTES.

Unbreakable. Does not filter the ultra-violet rays so essential to human, plant and animal life. Simply cut to size and tack on.

Glass Cloth—Heavy, weather-proof fabric. Opaque and durable. 35 3/4 inches wide. 1 yd. 45c; 10 yds. \$4.25; 50 yards. \$20.00; 100 yds. \$38.00. PP.

Vimlite or Cel-O-Glass—Consist of a thick chemical film on a wire cloth base. Light, flexible, strong. Withstand sun, wind, hail or snow.

28-inch width.....35c running foot, 40c PP.  
36-inch width.....45c running foot, 50c PP.

GRAFTING AND PRUNING MATERIALS.

Grafting Wax. Melt over a slow fire to thickness of honey and apply with a flat peddle or brush.

Snow's—1/4 lb. 20c; 1/2 lb. 30c; 1 lb. 50c; 4 lbs. \$1.75.

M&P, the choice of Professionals, 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 50c; 5 lbs. \$1.50; 10 lbs. \$2.75; 25 lbs. \$6.50.

S-W Pruning Compound. Protects against bleeding and infection of treated wounds. Pt. 40c; Qt. 60c.

Tree Seal. Ideal for grafting, in-arching or pruning. Stir and apply cold with brush or paddle. Pt. 35c; 45c PP; Qt. 60c, 75c PP; Gal. \$1.80, \$2.10 PP within 3rd zone.

See Page 62, Garden Guide.

INOCULATE ALL LEGUMES WITH

**NITRAGIN**

The Original Legume Inoculator

When ordering, always specify kind of seed.

**Alfalfa, all Clovers and Lespedeza**

Size	Retail
1/2 bu. . . . .	\$ .35
1 bu. . . . .	.65
2 1/2 bu. . . . .	1.40

**Peas, Vetch, Austrian Winter Peas and Beans**

Size	Retail
1/2 bu. . . . .	\$ .35
1 bu. . . . .	.50
*1 2/3 bu. . . . .	.80
5 bu. . . . .	\$2.25

\*"100 lb. size." Packed only for Vetch and Peas.

Expiration Date and High Germ Count on Every Package

**INOCULATOR PRICES**

**Soy Beans, Cow Peas Lima Beans**

Size	Retail
1 bu. . . . .	\$ .35
2 bu. . . . .	.65
5 bu. . . . .	1.40
10 bu. . . . .	\$2.45

**Garden Size NITRAGIN**

Inoculates from 1 oz. to 8 lbs seed, Price 25c

Retail Price. . .25c each

GARDEN AND FARM ESSENTIALS

HANGING BASKETS AND POTS—Hooks and hanging wire included.  
Terra Cotta—Bowl-shaped. Natural color. 8-in. 60c; 10-in. 90c; 12-in. \$1.20. Shipped Customer's Risk.  
Wire—Strongly made. Painted Green. 9-in. 30c; 10-in. 40c; 12-in. 50c; 14-in. 60c PP.



**Hotkaps**  
New Method of Plant Protection  
Germaco  
HOTKAPS (Miniature Plant Houses).  
Keep plants warm and safe from frost, cold rains, winds, insects and prevent ground from crusting. Forces plants to early market and higher prices. Splendid protection in the home garden.  
Garden Setter, Tamper, 100 Hotkaps, \$2.40, \$2.55 PP.  
Same with 250 Hotkaps, \$3.65, \$3.85 PP. 1,000 to 5,000 Hotkaps, \$10.00 per M. (Weigh 28 lbs. per M.) Steel Setter and Tamper, \$2.25.

LABELS (Painted Wood). (Postpaid to 4th zone).

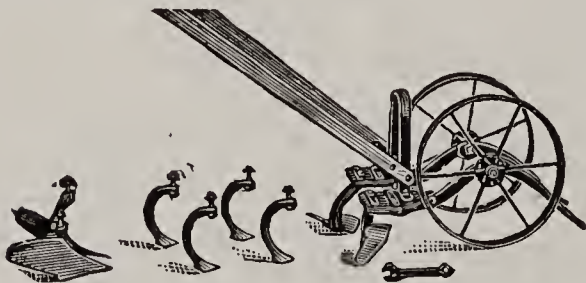
	Per 100	Per M
3½ in. copper wire Tree.....	\$ .40	\$ 3.00
4 in. Pot .....	.35	2.50
5 in. Pot .....	.40	3.00
6 in. Pot .....	.45	3.50
8 in. Garden.....	1.00	9.00
10 in. Garden.....	1.25	11.50
12 in. Garden.....	1.60	15.00

Weather-proof marking pencils for labels. 15c PP.  
MOSS (Green).  
For packing plants and vegetables and lining hanging baskets. (1 lb. to the basket). lb. 25c PP.; 10 lbs. \$1.50. Bale prices on request.

PLANTERS AND SEEDERS

Acme Corn Planter—The standard hand tool.....\$1.50  
Cahoon—Bag and metal hopper hold 22 quarts. Will evenly seed 5-6 acres per hour. Wt. 5½ lbs.....\$5.50  
Cyclone—Broadcast sowing or fertilizing.....\$2.50  
Masters Rapid Plant Setter—Each plant is set, watered and covered in one operation without stooping or lame back. Cabbage, Tomato, Cauliflower, Pepper. Carries water for 125 plants. Labor-saver.....\$6.00  
No. 4 Planet Jr. Hill and Drill Seeder and Single Wheel Hoe Combined. Sows seeds in straight drills or hills 4 to 24 inches apart. As a single wheel hoe, will do all necessary cultivating, plowing, weed cutting, etc. ....\$18.75  
No. 12 Double and Single Wheel Hoe Combined.  
Equipment consists of one pair of 6 in. hoes, 4 steel cultivator teeth; 1 pair of plows; 2 leaf lifters; all oil tempered.....\$11.25  
No. 16 Single Wheel Hoe.  
A very strong, easily handled tool, with the best and most desirable cultivating attachments, also plow of superior design with landslide.....\$9.40  
No. 119 Garden Plow and Cultivator.  
A high wheel cultivator. 1, 1½-in. tooth; 1, 4-in. tooth; 1 plow; 1 reversible scuffle blade.....\$4.50

RAFFIA.  
Colored—Crimson, Scarlet, Orange-red, Light Green, Brown. Skein 20c PP.  
Natural—Used exclusively for tying plants, staking, vegetable bunching, weaving, Hula skirts, etc. ¼ lb. 15c; 1b. 50c; 10 lbs. \$4.00 PP.



NO. 4 PLANET JR.

SHRUBBERY PROTECTOR.  
Carpenter—Any dog will get the point. Makes visits to plants, flowers, shrubbery uncomfortable without injury. So flexible that even clothing of passerby is uninjured. A simple, harmless device made of small, practically invisible, rust-proofed, steel wire. Each covers a quarter circle. 6 for \$1.00; 12 for \$1.95 PP.

STAKES, Rose and Garden.  
Square redwood, painted green, surfaced.

	3 ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.
1-in. Doz. ....	\$ .75	\$1.00	\$1.25	\$1.50	.....	.....
1½-in. Doz. ....	.....	.....	1.75	.....	2.75	.....
2-in. Doz. ....	.....	.....	.....	.....	.....	4.50

TREE PROTECTORS (Yucca).  
Guard trees and shrubs against sunburn and damage by animals. Wire fasteners make them easy and quick to apply. Add 25c to 100 rate for PP.

Length	Per 50	Per 100	Per 1000
12 in.....	\$ .75	\$1.30	\$12.00
16 in.....	.85	1.50	14.00
18 in.....	.90	1.60	15.00
24 in.....	1.10	2.00	19.00



TREE TANGLEFOOT.  
A sticky material for applying in narrow bands around the trunks of trees and vines to prevent climbing and creeping insect pests from destroying buds, foliage and fruit. It is applied with a wooden paddle. Very economical because one application remains effective from three to four months. Prevents spread of Mealy Bug, Aphis and Scale and other insects normally distributed and protected by Ants. 1 lb. makes a band 5 in. wide and 8 ft. long. lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.25.

TREE WHITE.  
Paint fruit and ornamental tree trunks with it to sive and resistant to the elements. Apply with brush prevent sunscald and gumming. Exceptionally adhesive or sprayer. Add some bloodmeal to it to repel rabbits and deer. 5 lbs. 65c, 75c PP.

VINE STAPLES.  
Wire. For supporting vines. 30 for 10c, 15c PP.

HAND GARDEN TOOLS

(Unless otherwise indicated, add 10c each by mail)  
GARDEN TROWELS.  
No. 24—All steel transplanting. Blade 6x1¾ in.....20c  
No. 34—All steel standard. Blade 5¾ in.....15c  
No. 35—Steel blade 5¾ in. Swedged wood handle.....20c  
No. 43—Steel blade 5¾ in. 11-in. wood handle.....30c  
No. TX—Blade and shank forged from one solid piece of steel, tempered. 5½x3 in. Green handle.....60c  
DST—Blade and shank forged from one solid piece of high grade steel, tempered and polished. Hardwood handle swedged into socket. Indestructible. Every gardener eventually owns one. 6¼x4 in. blade.....95c

HAND CULTIVATOR.  
Norcross-Invincible—Three adjustable, removable steel teeth with maximum spread of 4¼ in. 8-in. stub handle. Like the human hand.....65c

HAND HOE.  
Baby Warren Hand Hoe—Particularly suitable for work in seed beds and benches. 4½ in. heart-shaped, tempered and polished steel blade.....85c

HAND SPADING FORKS.  
Four tine—Cast steel, wood handle.....30c, 35c PP.  
Gem—Three tempered, flat, 6-in. tines and shank forged in one piece. Lacquered grip handle.....60c

HAND WEEDERS AND MULCHERS.  
Asparagus Knife—Best forged steel, tempered.....60c  
Eureka—Three forged steel, tempered, slender, curved-tipped prongs. Lacquered grip handle.....60c  
Excelsior Weeder—Malleable claws, light duty.....15c  
Magic—Adjustable fingers of tempered wire, flattened out at points.....35c

SHEARS—PRUNERS—HOSE—MOWERS

HAND GARDEN SET

Four piece forged set consisting of: one Eureka Weed and Mulcher; one Gem Hand Spading Fork; one Baby Warren Hoe; one TX Trowel. Each tool is the best it is possible to make; strong and durable, from special carbon steel, forged and tempered, with lacquered grip handle.....\$2.50, \$2.65 PP.

PRUNERS AND SHEARS

(Unless otherwise indicated, add 15c pair by mail)

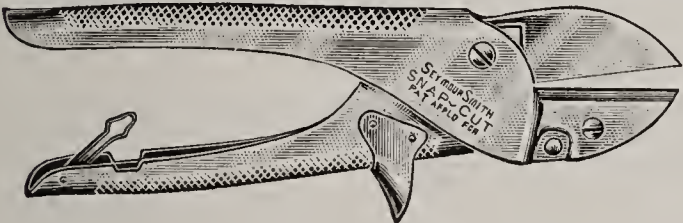
HAND PRUNING SHEARS.

Garden Club Garden Scissors—So designed that they retain hold upon the flower stem after the bloom has been cut, which greatly facilitates the gathering of cut flowers. 75c, 85c PP.

Light Weight Forged—Desirable for light pruning and trimming. Volute type spring. \$1.50.

Nickle-plated Forged—Volute Spring Type, light weight for Milady. Saves the scissors. Easy and clean cutters, for light pruning, trimming and cutting of flowers. \$1.50 and \$2.00.

Reiser Pattern Imported—Drop forged from high grade tool steel. Specially hardened and tempered, removable blade of high carbon crucible steel. Equipped with longitudinal double brass springs and regulating ratchet nut. \$3.00 and \$4.00.



SNAP CUT

Snap-Cut Pruners—Easily cuts 3/4-in. branches, smallest twigs and even twine. All steel, strong, comfortable, non-pinching handles—chrome finish. A new design and principle entirely. No. 119, (7 3/4 ins. over all) \$1.75; No. 118, (6 ins. over all) Ladies' size for light pruning. \$1.50.

HEDGE SHEARS.

American—Finest quality domestic manufacture. 6-in. \$1.50; 8-in. \$2.25; 9-in. \$2.50; 10-in. \$2.75.

VINE AND TREE PRUNERS.

Cartwright—The standard hand forged, powerful cutter for orchard and vineyard. The choice of those who know. 22-in. handle, \$3.50; 29-in. \$3.75.

Home Pruner—Sturdy, forged steel, wood handle, 14-in over all, designed for pruning too heavy for hand shears. \$1.50.

Standard—Saves dangerous climbing. Cuts up to 1 in. branches. Simply hook it over branch to be cut and pull lever. Spring opens pruner ready for next cut. Light, strong, spruce pole, steel cutters. 8-ft. \$2.00; 10-ft. \$2.25; 12-ft. \$2.50. (Express collect).

PRUNING SAW. (Add 10c each by mail)

Standard—High quality curved blade. 12-in. \$1.25; 14-in. \$1.40; Folding handle, \$1.50.

Note: It is advisable to treat cuts with "Pruning Compound" to disinfect and prevent rot. Always disinfect Pruning Tools before using, to prevent spread of disease. (See Page 49)

WATERING ACCESSORIES

COUPLINGS, MENDERS, NOZZLES, SPRINKLERS.

Boston Nozzle—Adjustable spray.....60c, 65c PP.  
Crescent All Brass Half Circle.....95c, \$1.00 PP.

Instant Hose Couplings—No lost washers, no leaky connections. Easy on patience. Just slip it on and off in a jiffy. Set 50c; hose bibb half 30c; hose half 20c. Add 5c by mail.

No. 70 Twin Sprinkler.....35c, 40c PP.  
No. 75 Fountain Sprinkler.....40c, 45c PP.  
No. 135 Fan Spike Sprinkler.....30c, 35c PP.  
Perfect Clinching Couplings—1/2 and 3/4-in...30c pr. PP.  
Perfect Clinching Menders—1/2 and 3/4-in...10c ea. PP.  
Rose—Round, extremely fine spray.....75c, 80c PP.

Ross Fan Sprinklers—The most efficient hand sprinkler. Expels more water and distributes it more evenly than any other, in a gentle, fan-shaped spray. We recommend them to every Gardener making a new lawn. No. 10 (all brass) 75c; No. 11 (Brass head) 50c; No. 20 (All brass) 75c. (Add 5c each by mail).

Whirling Shower—Adjustable, variable, revolving type. Bronze roller bearings. Adjustable nozzles for volume of spray and distance allowing a coverage of from 10 to 70 feet in diameter. Lock holds brass arms stationary for beds and plots to keep walks, etc., dry. \$2.75 ea., \$3.00 PP.

GARDEN HOSE. (Shipped express collect).

Our hose will give length of service well beyond the average. Fresh, live and pliable. Smooth or corrugated, coupled, ready to use. 25 and 50-ft. lengths. Per foot: 5/8-in. 12c; 3/4-in. 13c.

HOSE WASHERS.

Secure—Pin makes loss impossible.....20c doz. PP.  
Sta-In—Cut oval shape.....15c doz. PP.

LAWN ACCESSORIES

GRASS SHEARS. (Add 10c each by mail).

Scissors Type—High raised handles keep hand up out of wet and dirt. Cutlery steel blades. Spring catch. Perfectly balanced. Cuts clean and easily. \$1.00.

Sheep Shears—American made, tempered steel, \$1.00.

LAWN MOWERS AND ACCESSORIES (Shipped, charges collect).

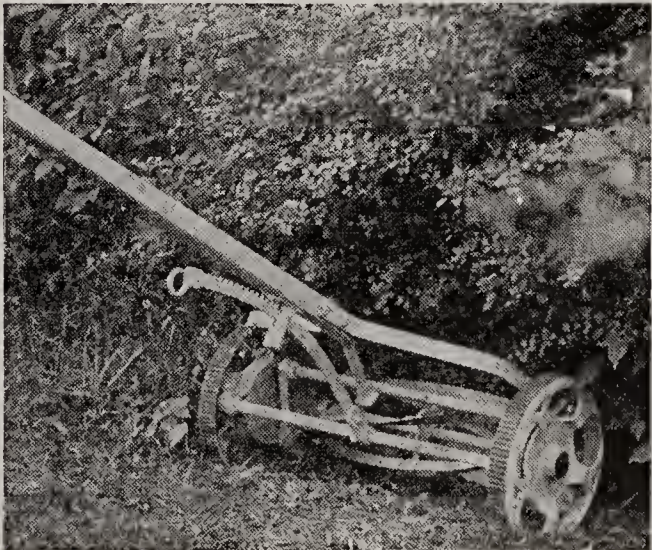
Baby Grand (Ball Bearing)—Designed especially to meet the requirements of the Home Gardener, for a heavy duty, light, easy running mower. Reel of 4 blades. Adjustable. 12-in. \$7.75; 14-in. \$8.00; 16-in. \$8.25.

Phoenix—Similar in design to the above, but with plain bearings. Four blade reel. A sturdy, serviceable mower. 12-in. \$6.50; 14-in. \$7.00.

Ohio Reversible Mower—Cuts when you push—cuts when you pull, faster and easier. Eliminates 50% of edge trimming. Height of cut controlled instantly, without tools. Pushed up, it cuts on its own power as it comes down a terrace. Highest grade and most durable type of construction. 10-in. roller bearing drive wheels, ball bearing cutting reel. Cuts finest and most difficult turf with ease. Perfect for small or large scale mowing. 5-blade: 16-in. cut, \$21.50; 18-in. cut \$26.00; 7-blade: 16-in. cut, \$23.50; 18-in. cut \$28.00.

Non-Slip Grass Catcher (Adjustable)—For 12 to 16-in. mowers, \$1.25; For 16 to 22-in. mowers, \$1.50.

LAWN SPIKER—The roots of lawn grass can breathe of much needed air, drink and feed heartily, if the hard surface crust of the lawn is properly perforated with this efficient tool. Wood handled steel stirrup equipped with three, 1/2-in. thick, machine steel prongs. Inexpensive. Pays for itself in water saved in a very short time.....\$1.85



OHIO REVERSIBLE

SPRAYERS AND DUSTERS



INSECT-O-GUN

(Prices: Subject to change without notice, and are FOB our Stores, except where marked PP—Postpaid within 3rd zone).

**INSECT-O-GUN**—Entirely eliminates hand pumping and heavy, unwieldy apparatus. Attached to garden hose, it ejects a penetrating wide-angle spray with tremendous velocity. Use with any insecticide requiring water solution. No adjustments necessary to secure the correct spraying proportion. No moving parts, except handy trigger for operating the gun.

Each filling of its pint Mason jar delivers 3 gals. of spray.  
Strongly built of heavy, none-rusting die metal.....\$3.75 complete, PP.

**COMPRESSED AIR TANK SPRAYERS**—Popular type of sprayer for a wide range of uses, in applying fungicides and insecticides. Strongly built—simple in construction—with the very minimum of replaceable parts. Each sprayer comes completely equipped with brass extension rod, flexible hose, all-brass spray nozzle, automatic shut-off, and shoulder strap.

- 4-Gal. Capacity, Copper-Brass Tank.....\$9.50; \$9.75 PP.
- 4-Gal. Capacity, Galvanized Tank.....\$6.50; \$6.75 PP.
- 3-Gal. Capacity, Copper-Brass Tank.....\$8.00; \$8.20 PP.
- 3-Gal. Capacity, Galvanized Tank.....\$5.50; \$5.70 PP.

**ACME Self-Filling Sprayer**—Embodies three entirely new features in the design of Compressed Air Tank Sprayers. **Funnel shaped top**, (self-filling feature) saves spray material, otherwise wasted, and time. **Removable feed tube** adds years to life of sprayer and makes it possible to drain tank dry and clean feed tube. **Safety locking cap** permits pressure to escape from tank before cap is entirely removed.

3-Gal. Capacity, Galvanized Tank.....\$5.00; \$5.20 PP.

**HIGH PRESSURE PUMPS**—Heavy duty, compact, light weight units generating extremely high pressures up to 200 lbs. with remarkable ease. May be used with containers to be found around any city or country household.

**Trombone Sprayer**—Throws continuous, forceful spray with little effort. All brass, bronze valves. Has almost unlimited range of usefulness, from general spraying to fire fighting.

Complete with 32 inches of hose.....\$4.25; \$4.40 PP.

**Extreme Pressure Bucket Pump**—Built to last a lifetime. 3 ft. of high pressure hose, automatic shut-off valve with non-clog nozzle. All-brass construction of pump and valve means freedom from rust and corrosion. Air chamber insures continuous discharge.....\$8.00; \$8.25 PP.

**Wheelbarrow Sprayers**—The ideal unit for a large home garden, for the small orchardist or grower. 15-gal. capacity, corrugated bucket-tank, means less time lost in filling. 18-inch, broad-tired wheel, makes unit easy to move about. 6 ft. of high pressure hose and 3 ft. of extension gives flexibility. With or without reserve tank (which makes a one-man unit of it, otherwise one person has to pump while the other sprays). Pump itself is of highest type, non-corroding or clogging construction built to last a lifetime. Long handle, makes pumping easy.

- Complete with reserve tank.....\$35.00
- Without reserve tank.....\$22.50
- Heavy duty pump only.....\$14.75

**HAND GARDEN AND HOUSEHOLD SPRAYERS**—General utility sprayers which handle liquid insecticides of all sorts, for all purposes where complete and forceful atomizations is required.

**Single Action**—Popular priced general utility sprayer of liquid insecticides, fly sprays, etc., All tin construction.

Pt. capacity, 30c; 40c PP. Qt. capacity, 40c; 50c PP.

**Continuous Action**—Surprisingly little effort is required to operate these efficient sprayers. Throw a misty, steady stream. Handle all disinfectants and liquid insecticides. We suggest the Glass Jar or Brass Tank models as outlasting many tin sprayers.

- Copper-bronze tank, brass pump.....\$1.65; \$1.75 PP.
- Glass Jar tank, brass pump and cap.....\$1.15; \$1.25 PP.

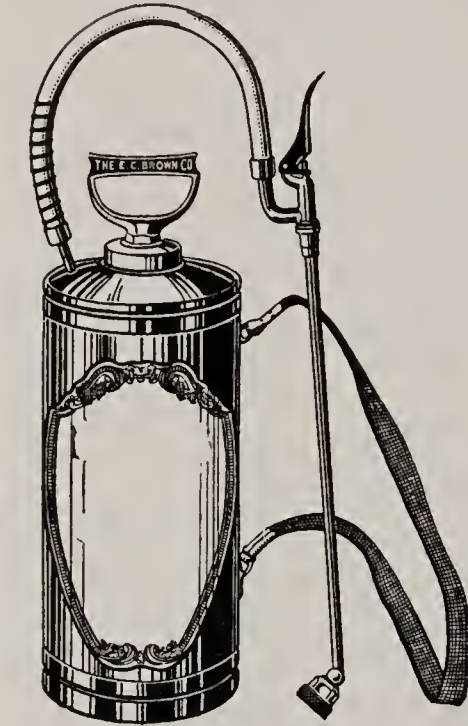
**DUSTERS**—We offer the highest quality, most efficient Dusters on the market. Sturdy construction, correct design, will last a lifetime. None better.

**Niagara Hand Dusters**—Feeny design. For applying all dust insecticides and fungicides. Kolotex, Pomo-Green with Nicotine, Cyanogas, Nicotine Dust, Sulphur Arsen-deaux, etc.

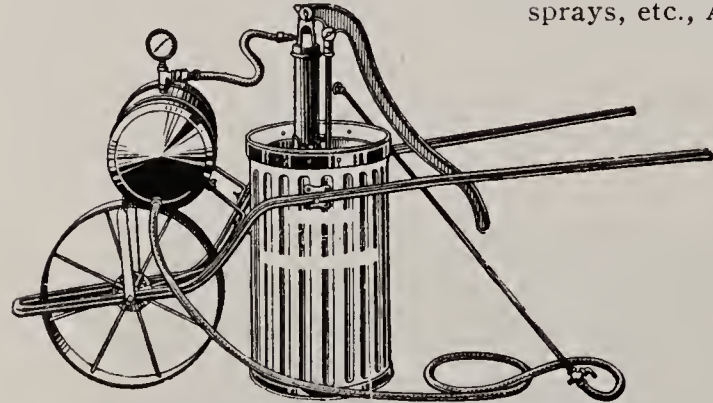
- 656. Pint capacity hopper.....75c; 85c PP.
- 681. Quart capacity hopper, two 12-in extension tubes, straight and curved nozzle.....\$1.25; \$1.35 PP.
- 658. Two Quart capacity hopper, equipped same as 681.....\$2.50; \$2.75 PP.

**Gruen Knapsack Dusters**—Applies all dust insecticides and fungicides with remarkable efficiency. Even grinds whatever clods that may have formed. Conventional lever operation design with flexible hose and metal tubing and hose. Durable leather bellows on top. Adjustable, regulating feed to prevent waste.

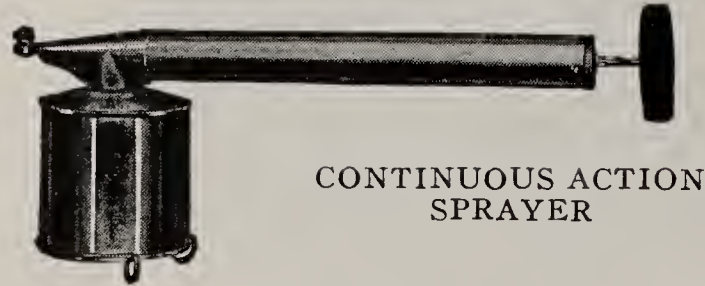
- No. 1, Capacity 22 lbs. Empty 15 lbs.....\$15.00
- No. 2, Capacity 13½ lbs. Empty 13 lbs.....\$14.00



COMPRESSED AIR TANK SPRAYER



WHEEL BARROW SPRAYER



CONTINUOUS ACTION SPRAYER

## FERTILIZERS, SOIL CONDITIONERS

Prices are extremely variable, therefore they are subject to change without notice. Quoted "F. O. B. our Stores in San Jose, San Francisco and Oakland," shipments are made "Charges Collect". Kindly ask for quantity prices. If small quantities desired by parcel post, kindly remit for postage.

**ADCO**—Green or dried leaves, twigs, cuttings, prunings, lawn clippings and vegetable trimmings make excellent, rich manure treated with ADCO. One pound will convert 4 cu. ft. (1 wheelbarrow load) of dry refuse, or twice as much of green, in a few months. Clean, odorless, free of soil pests. 25 lbs. \$2.25 (Makes ½-ton of manure); 150 lbs. \$11.00 (Makes 3 tons of manure). Ask for Folder.

**ALUMINUM SULPHATE**—Acidifies soils. Apply about 1 oz. to each sq. ft., of soil area within the drip of Rhododendrons, Heathers, Azaleas, Laurels, etc. 2 lbs. 25c; 5 lbs. 50c; 11 lbs. \$1.00; 25 lbs. \$2.00.

**AMMONIUM PHOSPHATE (Ammono-Phos)** The Universal Fertilizer. 16% Nit. 20% PhosA. Unexcelled for rundown lawns, and for vegetables, deciduous and citrus trees, berries, vines, and the garden bed. Use 1 tablespoon to 3 feet of row. Dissolve 1 oz. in 1 gal. of water and apply to lawns with a sprinkling can or "Jector". 5 lbs. 50c; 11 lbs. \$1.00; 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.00. Ask for Folder.

**BLOODMEAL (Dried)** 12-13% Nit. One lb. will fertilize 70 sq. ft. of lawn or garden. Dissolve in water and apply with "Jector". Mix with tree whitewash to repel deer and rabbits. 3 lbs. 25c; 13½ lbs. \$1.00; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.75.

**BONEMEAL (Steamed)**—7% Nit. 30% PhosA. Quicker acting than the raw form. Safest fertilizer for bulbs and general garden use. Apply 1 lb. to 25 sq. ft. of area. Alkaline in its soil reaction. Always use in hole at planting time. 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

**BONEMEAL "CALA-BONE" AMMONIATED**—5% Nit. 10% PhosA. Contain 2.5% nitrogen from Sulphate of Ammonia, quickly available as plant food. Can be applied at any time. No danger of burning plants from liberal application. 100-lb. sack \$3.00 f. o. b. San Francisco. (Ask for folder).

**CALCIUM SULPHATE (Agricultural Gypsum)**—Superior to lime for breaking up sticky soils. Neutral in soil reaction. Apply 1 lb. to 5 sq. ft. 2 tons per acre makes very striking effect on Black Alkali soils. 8 lbs. 25c; 20 lbs. 50c; 50 lbs. \$1.00; 100 lbs. \$1.50.

**CHARCOAL, WOOD**—Ideal soil conditioner. Purifies soil waters; restrains bacterial injury to tender seedling plants; splendid covering for newly sown seed. 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.50.

**COTTONSEED MEAL**—6½% Nit. 3% PhosA. 2% Potash. Stimulating plant food for Rhododendrons, Heathers, Azaleas, Camellias and other acid loving plants. Mix with soil or peat and scatter under plants, using about ½ to ¾ lbs. to the large size bush. 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.25.

**GAVIOTA GARDEN & LAWN**—The best complete fertilizer. Contains correct proportions of chemical and organic plant food elements, scientifically compounded to feed evenly over a long period. 4 to 5 lbs. will fertilize 100 sq. ft., of lawn, or garden area. 6% Nit. 8% PhosA. 6% Potash. 3 lbs. 30c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.25; 100 lbs. \$4.00. Ask for Folder.

**GROZ-IT**—1.84% Nit; 0.75% PhosA; 3% Potash. Concentrated pulverized natural Sheep Manure processed so as to retain beneficial soil bacteria, and still be free of weeds, fungus and insect eggs. Use 100 lbs. to plot 20x20 ft. Soak 2 lbs. in 5 gals. of water overnight to make liquid manure for Sweet Peas, Pansies, Potted Plants, etc. 5 lbs. 25c; 10 lbs. 45c; 25 lbs. 65c; 50 lbs. \$1.00; 100 lbs. \$1.75; 300 lbs. \$5.00; 500 lbs. \$8.00.

**LEAF MOLD**—For potting and garden soil mixtures. 5 lbs. 25c; Sack \$1.25.

**LIME (Agricultural Shell Flour)**—Apply to lime-loving plants yearly, otherwise only when soil requires it. Test with "Soiltex" outfit. Do not apply on lawns or plants which require acid soils. Calcium Sulphate better for breaking up sticky soils. Apply 1 lb. to 5 sq. ft. 100 lb. sack \$1.25.

**LIME (Hydrated)**—Used mostly for dusting on foliage to discourage leaf-eating slugs. Rather caustic for general soil use. Agricultural Shell Lime is safer. 5 lbs. 25c; 50 lbs. \$1.00.

**NITRATE OF SODA**—15% Nit. Forces top growth of plants. Dissolve 1 tablespoon in 1 gal. of water, or apply 1 lb. to an area of 250 sq. ft. 3 lbs. 25c; 22 lbs. \$1.00; 100 lbs. \$3.50. Cannot be mailed.

**OXIDE OF IRON (Metco)**—Produces healthier vegetation, more colorful flowers. Destroys slugs and snails by contact. Non-poisonous. 10 lbs. 65c; 20 lbs. \$1.15; 100 lbs. \$3.75.

**PEAT (Imported)**—Breaks up hard, tight soils, and conserves moisture in sandy soils. Being free of weed seed and fungus it replaces Leaf Mold. 1 bale sufficient to cover an area 250 sq. ft. one inch deep. 10 lbs. 50c; Gunnsack \$1.00; ½-bale \$1.75; 1 bale \$3.00. (Prices unstable. Kindly verify when ordering.)

**STIM-U-PLANT**—11% Nit. 12% PhosA. 15% Potash. Every lover of thrifty potted plants and ferns should use it. 30 tablets 25c, 30c postpaid; 100 tablets 75c; 1000 tablets \$3.50 postpaid.

**SULPHATE OF AMMONIA**—21% Nit. Quick acting plant and lawn stimulant. Dissolve 1 tablespoon in 1 gal. of water and apply with "Jector" to lawns. Apply 1 lb. to 250 sq. ft. 3 lbs. 25c; 10 lbs. 60c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

**SULPHATE OF IRON (Soiliron)**—Intensifies coloring of flowers. Corrects chlorotic (lime excess) condition. Kills slugs and snails on contact. Can be used to rid lawns of Dandelion (See Planter's Guide). Use sparingly in connection with lily plantings. 6 lbs. 50c; 14 lbs. \$1.00; 25 lbs. \$1.50.

**SULPHATE OF POTASH**—Imparts vigor, stiffens stems, improves color. Apply 1 lb. to 250 sq. ft. of area. 3 lbs. 25c; 16 lbs. \$1.00; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

**SULPHUR (Agricultural)**—Improves alkaline soils. Mix handful with bottom soil in hole when planting bulbs, roses, etc. 4 lbs. 40c; 10 lbs. 65c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

**SUPERPHOSPHATE**—Encourages early maturity of fruit and flowers. Apply 2 or 3 lbs. to 250 sq. ft. of area. 4 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.50.

## FERTILIZER ACCESSORIES



**JECTOR**—Fertilize while you sprinkle. Merely put a water soluble fertilizer like Ammo-Phos, Sulphate of Ammonia, Bloodmeal, Nitrate of Soda, etc., in a container or bucket; fill with water; drop suction tube into solution; turn water on full force; and—Jector does the rest. Action visible at all times. Thoroughly soaks the ground, carrying fertilizer to the roots, thereby preventing burning. \$1.10 each; \$1.25 postpaid.

**SOILTEX**—It pays to know if your soil is acid or alkaline. No technical knowledge required. Takes but a minute or two, for each sample of soil. This accurate, pocket size outfit will make 75 to 100 tests. Color chart with each set to indicate degree of alkalinity or acidity of the soil. \$1.00 each; \$1.15 postpaid.

See "Garden Guide," Pages 58, 59, 60, 61.

# INSECTICIDES AND FUNGICIDES

## To Control Garden and Orchard Pests and Diseases

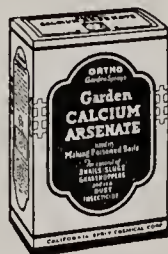
The Navco and other Standard Brands of Insecticides and Fungicides listed on these pages, represent only the best and most improved materials available. Full directions on every package. Consult "Pest Control" Chart for further recommendations.

Items that cannot be sent by mail are marked NM. New postal regulations permit carriage through the mails, of practically all the items listed.

When ordering mailable items, kindly send sufficient additional funds to cover postage, otherwise items will be sent freight or express, at Purchaser's Expense.

All Prices quoted are subject to change without notice.

1. **ANT-FOIL**—An improved syrup for Argentine and other Ants partial to sweets. Feeder bottles filled with Syrup: 2 for 25c; Syrup only, 8 ozs. 25c; Pt. 45c; Qt. 85c; \$1.85.
2. **ANT-KILLER (Calcium Cyanide) (NM)**—A small amount injected into the Ant nest will destroy the Queen and Workers instantly. 4 oz. 30c. (See Cyano gas).
3. **ANTROL**—Kills the ants in the nest. Ready filled sets of 4 glass feeders 50c; Regular Set, 4 glass containers, and 4-oz. bottle of syrup 75c; Syrup only: Pt., 50c; Qt., 90c; Gal., \$2.75.
4. **APPLE BAIT**—Scatter around plants on ground, to control Earwigs and Beetles. Very attractive to Sow Bugs, Slugs and Snails also. 3 lbs. 50c; 6½ lbs. \$1.00; 15 lbs. \$2.00.
5. **ARSENATE OF LEAD**—Controls leaf-eating and fruit-eating insects such as Apple Worm, Oak Worm, Caterpillars, Beetles, Slugs, etc. Use 4 teasp. in 1 gal. of water. Garden: Basic. Safer in Foggy Districts and on tender foliage: 1 lb. 30c; 4 lbs. 80c. Standard: 1 lb. 30c; 4 lbs. 80c.
6. **ARSEN-DEAUX**—Dust spray used for Tomato Blight and Wilt, also for leaf-eating Garden Insects. 14 ozs. 25c; 4 lbs. 75c; 50 lbs. \$4.00.
7. **BORDELO (Copper in Ammonia)**—Leaves no stains. Controls Leafspot and Powdery Mildew of roses, plants, vines, shrubs and trees; Curly Leaf of Peaches, Shothole Fungus. To clear Fishponds of green algi, use 1 teasp. to 110 gals. of water. For damping-off of seedling plants water with solution as soon as it appears. Does not clog spray nozzle. 6 oz. 35c; Pt. 50c; Qt. 90c; Gal. \$2.25.
8. **GARDEN BORDO**—A powerful fungicide used to control Peach Curly Leaf, Peach Blight, Pear Scab, strawberry Rust, Potato Blight. 1 lb. makes 6 gals of spray. 1 lb. 25c; 4 lbs. 75c.
9. **BLACK LEAF 40**—To control Aphis, Psylla, Thrip, Leaf-Hopper, Red Bug, Green Bug, etc., dilute 1½ teasp. in 1 gal. of water plus 3 to 4 tablesp. of Navco Liquid Whale Soap (See Nicotine Spray). For delousing Poultry, spread thin film (full strength) on top sides of roosts before fowls perch. For spraying Shrubs, etc., to Repel Dogs, mix 1½ teasp. in 1 gal. water and spray on low branches every ten days to prevent staining by dogs. Repeat after rains. oz. 35c; 5 ozs. \$1.00; 1 lb. \$2.25; 2 lbs. \$3.25; 5 lbs. \$5.85; 10 lbs. \$9.85.
10. **BLUESTONE**—Combines with lime to make Bordeaux Spray. A valuable disinfectant. Used in swimming pools, reservoirs, etc., to clear water of algi. lb. 20c; 10 lbs. \$1.25; 25 lbs. \$2.50.
11. **GARDEN BUG-GO**—A poisoned Bait of unusual effectiveness for control of Snails, Slugs, Earwigs, Sow Bugs, Army Worms, Cutworms, Grass Hoppers, etc. lb. 20c; 3 lbs. 50c; 15 lbs. \$1.95; 50 lbs. \$6.00.
12. **GARDEN CALCIUM ARSENATE**—Used in making poisoned baits for the control of Snails, Cutworms, Grasshoppers, etc. lb. 25c; 3 lbs. 50c.
13. **CRYOLITE DUST 33%**—The modern contact and stomach poison. Safe to dust on foliage. Controls Ants, Earwigs, Roaches, Snails, Sowbugs in the garden. And Army Worms, Corn Ear Worms, Cutworms, Tree Chickets, Striped Cucumber Beetle, 12-Spotted Green Lady Bug (Diabroticae), Grainery and Vegetable Weevils, in the Field. Kills best when dry. Use Flu-Si Dust (Stronger but burns moist foliage) for applications to the soil. 12 ozs. 35c; 5 lbs. \$1.00; 10 lbs. \$1.75.
14. **CYANO GAS (Calcium Cyanide) (NM)**—Instantly kills Ants of all sorts, Termites, Rats, Moles, Gophers, Squirrels, Fleas, Bats, Snails and Slugs, Snakes, Flies, Wasps, Yellow-Jackets and Hornets, Wild Bees, Squash Bugs, etc. Ask for Folder. 4 oz. (Ant Killer) 30c; A-Dust: ½ lb. 45c; lb. 75c; 5 lbs. \$3.00; 25 lbs. \$10.00. G-Fumigant: for Greenhouse Fumigation 5 lbs. \$3.00.
15. **NAVCO DRY LIME-SULFUR**—Used in treating scab on Apples; Curl Leaf on Peaches, Nectarines and Almonds; Leaf Spot and Cane Blight on Bush Berries; Asparagus Rust; Red Berry on Himalaya Blackberry, etc. lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.
16. **ETHYLENE DICHLORIDE**—Recommended control for Pine and other Tree Borers. Squirt into holes with syringe, oil can or other type of injector. Qt. \$1.10.
17. **NEW EVERGREEN SPRAY**—Improved Pyrethrum Insecticide with soap. Deadly to many insects. Harmless, when used as directed, to humans, pets and birds. oz. 35c; 6 oz. \$1.00; 16 oz. \$2.00; Gal. \$12.00.
18. **FOLIAGE**—Non-poisonous. Deadly to Aphids, Leaf Rollers, Leaf Hoppers, Rose Beetles, Aster Beetles, Leaf Tier, Cabbage Worms, Caterpillars, Green Lady Bug. To control Ants, pour into nest and along trails. Add ½ oz. to the gal of bath water to kill lice and fleas on dogs. Soap or other spreader unnecessary. 2 ozs. 35c; 6 ozs. \$1.00; Pt. \$1.50; Qt. \$2.50; Gal. \$8.50.
19. **FLU-SI DUST NO. 7**—Used extensively in poisoned baits to control Soil Insects, also as a dust to control Earwigs, on the ground and indoors. Use Cryolite 33% for dusting on plants. 12 ozs. 35c; 5 lbs. \$1.00; 10 lbs. \$1.75.
20. **GARDEN VOLCK**—The Complete Contact Spray (containing Volck, Nicotine, Spreader) for control of sucking insects including certain Scale, Aphis, Thrips, Leaf Hopper, Red Spider, Cyclamen Mite, White Fly, Mealybugs, Small Caterpillars, etc. Also helps prevent Rose Mildew. 3½ oz. 35c; Pt. \$1.00; Qt. \$1.50; Gal. \$3.00; 5 Gals. \$11.25.
21. **KOLOTEX (Massey Dust)**—Preventative for Black Spot and Mildew of Roses, controls Chewing Insects. Used by leading Amateur and Professional Rosarians. A combination of Bentonite Sulphur and Arsenate of Lead. Apply with Niagara Hand Duster or Gruen Knapsack Duster. 5 lbs. \$1.25; 50 lb. Drum, \$6.50; 100-lb. Drum, \$12.00.
22. **NAVCO LIME-SULPHUR SOLUTION**—Used for the same purpose as Navco Dry Lime-Sulfur also for San Jose Scale, Peach Twig Borer, and as a Bulb Dip. Qt. 30c; Gal. 60c; 5 Gals. \$2.50.



23. **NAVCO MISCIBLE OIL**—The spray used by commercial orchardists, on dormant deciduous trees and shrubs (when entirely defoliated, and after a rain) to kill San Jose Scale, Oyster Shell Scale, Soft Brown Scale, Black Scale, etc.; also eggs of Red Mite, Brown Mite, Aphis; Fruit Tree Leaf Roller. Qt. 40c; Gal. 75c; 5 Gals. \$3.25.

24. **NAPHTHALENE FLAKES**—Useful in control of Gladiolus Thrips. Scatter 1 oz. over 100 large Gladiolus Bulbs in an air-tight carton, box, or paper bag and store in a warm place for two to three weeks. All home-grown Gladiolus Bulbs should be treated before planting. Some claim the flakes protect bulbs from injury by rodents. 4 ozs. 10c; 8 ozs. 15c; 1b. 25c; 5 lbs. \$1.00; 10 lbs. \$1.50; 25 lbs. \$3.50; 50 lbs. \$6.25.

25. **NAVCO NICOTINE DUST**—Unquestionably the quickest and most thorough method of control when the air is quiet. A puff with a duster instantly gives perfect coverage. No. 6N controls Rose Aphis, Green and Rosy Apple Aphis, Small Black Bean Aphis, Black Cherry Aphis, and Walnut Aphis, Pear Slugs, Cabbage Worms, etc. 12 oz. 40c; 5 lbs. \$1.40. No. 10N controls the more resistant groups: Grape Leaf Hopper, Pear Thrips, Grass Thrips, Black Peach Aphis, Pea Aphis, Melon Aphis, Squash Bugs, etc. 12 ozs. 50c; 5 lbs. \$2.00.

26. **NICOTINE SPRAY**—Consists of Black Leaf 40 and Genuine Whale Oil Soap properly proportioned to give the highest possible kill of Aphis, Psylla, Thrip, Leaf Hopper, Red Bug, Green Bug, etc. 6 ozs. 35c; Pt. 50c; Qt. 90c; ½ Gal. \$1.50; Gal. \$2.25.

27. **NU-GREEN**—Disinfects soil and protects turf against Brown Patch. Use 1 lb. in 50 gallons of water. 3 ozs. 50c; 1b. \$2.00; 5 lbs. \$9.00.

28. **NURSERY VOLCK**—The improved Volck for Nursery and Home Garden use. Best control for certain Scale, Mealy-Bug, Red Spider, Mites, White Fly, etc. Do not confuse with "Garden Volck," which contains soap and Nicotine. Pt. 50c; Qt. 75c; Gal. \$2.00; 5 Gals. \$5.00; 14-Gal. Drum \$7.70.

29. **NAVCO PARADICHLOR**—Soil fumigant for pests on the roots of mature trees only (6 yrs. old or more). Kills Peach Root Borer, Woolly Aphis. For Termites and Ants, sprinkle 1 tablesp. so gas will penetrate their nests. For Moles in lawns, open runway at intervals of several feet and put one tablesp. in each opening, then close. 1b. 65c; 5 lbs. \$2.00.

30. **PARIS GREEN**—Powerful stomach poison used mostly in poisoned baits and sprays. Spray consisting of 2 tablesp. Paris Green, 2 lbs. Brown Sugar, and 3 gals. water is a promising summer spray for Gladiolus Thrips. 1b. 70c; 5 lbs. \$2.80.

31. **ORTHO POISONED BARLEY**—A poisoned grain for killing Squirrels and Gophers. Contains strychnine. 1b. 35c; 5 lbs. \$1.25; 50 lbs. \$6.00.

32. **POMO-GREEN with Nicotine**—(Kolotex colored green, and impregnated with Nicotine). Can either be dusted or sprayed on plants. Dusting gives better coverage. Controls Aphis, Leaf-Eating Insects, Mildew, Black Spot, on Roses and other garden plants. Use when air is quiet. 1b. 75c; 5 lbs. \$3.00; 50 lbs. \$20.00; 100 lbs. \$38.00.

33. **QUA-SUL**—Prevents Mildew and Peach Leaf Curl. Retards Damping-Off. 8 ozs. 40c; Qt. \$1.00; Gal. \$3.50.

34. **SELOCIDE**—Sensational discovery which positively controls Red Spiders. Use 1 part in 50 parts of water. Qt. \$1.00; Gal. \$2.75.

35. **SEMESAN**—For Disinfecting seeds, bulbs, corms, roots, tubers. Normal solution is 1 oz. to 3 gals. water. May also be used as a dust. The standard control for Brown Patch in Lawns, and for Damping-off disease of seeding plants. 2 ozs. 50c; 1b. \$2.75; 5 lbs. \$13.00.
36. **NAVCO SLUG & SNAIL DESTROYER**—Vastly improved formula for ridding premises of Slugs, Snails, Cutworms, Earwigs, Grasshoppers. Gives positive results. Economical to use, 1 lb. treats 65 sq. ft. of area. Every particle effective. It is worthy of a trial. 1½ lbs. 25c; 4 lbs. 60c; 25 lbs. \$3.00; 50 lbs. \$5.25.

37. **SNAIL-FOIL**—A poison food which Snails, Slugs, Sow-Bugs, Cutworms and Earwigs prefer to plant life. Scatter around and moisten it. 1½ lbs. 25c; 4 lbs. 50c; 12 lbs. \$1.95; 25 lbs. \$3.00.

38. **SNAROL**—A prepared meal to broadcast on moist ground for the control of Snails, Cutworms, etc. Will not deteriorate from rain, and is non-injurious to vegetation. 1½ lbs. 25c; 4 lbs. 60c; 15 lbs. \$1.95.

39. **NAVCO SOW BUG DESTROYER**—Positive control. Simply spread this powder on dry spots along walks, buildings, etc. They come to it. Do not water for 24 hours. Some place it under boards, or under inverted cans which have been V cut to permit access to the Destroyer. 1b. 50c; 5 lbs. \$2.00.

40. **NEUTRAL BRAND DUSTING SULPHUR**—99 ½ % Pure. Controls Mildew on Grapes, Peas, Currants, Gooseberries, Peaches; Red Spider on Peaches, Almonds, Prunes, Raspberries, Beans, etc.; Rust on Asparagus. Free flowing, and goes farther. 3 lbs. 25c; 10 lbs. 70c; 25 lbs. \$1.40; 50 lbs. \$2.25.

41. **SULPHUR (Alpha)**—Mixes readily with water. May be used for dusting or as liquid spray. Use 5-10 lbs. in 100 gals. of water. 3 lbs. 55c; 10 lbs. \$1.10.

42. **SULPHUR (Anchor)**—Best 100% pure sublimed sulphur for dusting and bleaching. Burns freely without ash residue. 3 lbs. 35c; 10 lbs. 75c.

43. **VAPORITE**—Repels and kills many soil insects: Worms, Beetles, Ants, Sow Bugs, Wireworms, etc. Scatter 1 lb. to 50 sq. ft. and work in, to a depth of 5 to 8 inches. 14 ozs. 25c; 4 lbs. \$1.00; 10 lbs. \$2.30; 25 lbs. \$5.75; 100 lbs. \$19.90. Not available.

44. **NAVCO WEED DESTROYER (NM)**—Dilute 1 part in 50 parts of water and spray or sprinkle tops of weeds after sundown. Kills by absorption. Used extensively by Cemeteries, Parking Stations, Schools, Public Playgrounds on walks, parking strips, driveways, sport fields, to eradicate small patches of any very deep rooted noxious weed, such as Knap Weed and Morning Glory. Make a wick of a lateral growth and soak it overnight in a can containing the dilute solution. Used to kill Trees, Poison Oak and all undesirable plant life. Very effective Termite control. Qt. 65c; Gal. \$1.75; 5 Gals. \$5.00.

45. **NAVCO WHALE OIL SOAP**—A liquid soap, soluble in hard or soft, hot or cold water. Used as a spray for Aphis and a wash for palms and other broadleaf house plants. Necessary as a wetter and spreader in connection with Black Leaf 40 and certain other sprays. Pt. 30c; Qt. 45c; ½ Gal. 75c; Gal. \$1.25; 5 Gals. \$4.50; 15 Gals. \$9.00.

46. **WORM ERADICATOR**—Scatter over lawn at rate of 10 lbs. to 180 sq. ft., and flood with water. Angle worms come immediately to surface and die. Encourages grass growth as well. 6 lbs. 50c; 13 lbs. \$1.00; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.



## PEST CONTROL CHART

Numbers used in this chart correspond to those assigned to the INSECTICIDES AND FUNGICIDES listed on pages 54 and 55. Where more than one number is shown, the Gardener has a choice of material to effect control. The order in which they are given indicates our preference, except 15-22 where either is equally effective.

Keep old trash, weeds, boards, leaves, prunings, etc., cleaned up, as they offer excellent places for Insects and Disease to develop or hibernate.

Complete coverage is essential with Contact Insecticides, as the insect to be killed must be hit.

Better not to use any liquid spray on hot days or when there are drying winds.

Combinations of sprays should never be attempted without first seeking the advice of an Authority. Some sprays, harmless in themselves, are dangerous in combinations.

We have indicated the period during which it is considered best to apply the Spray and Dust Materials listed as follows:

"D"—Dormant application during rest period in winter when deciduous trees have dropped their foliage.

"SD"—Semi-dormant application, when leaf and blossom buds are swelling and show pink in Spring.

"F"—Applications during period of leaf development and during full growth.

Where indicator is not shown, apply soon as insect or disease noted, or during full growth as the case may be.

**Angle Worms**—In Lawns and Moss. Use 46.

**Aphis (Aphids or Plant Lice)**—Curl and stunt tender leaves and blossoms and make leaves sticky with honeydew in which black Smut Fungus grows. 25-32-26-20-(9 & 45)-18-17. (F).

**Aphis Eggs**—On Prune, Cherry, Almond and Peach Trees. 23, (D).

**Aphis, Woolly**—On Apple and Pear Roots 29.

**Argentine Ants**—Are carriers of Mealy Bug, Aphis and Scale. Kill in Soil with 2-29-25. Kill through workers with 1-3.

**Army Worms**—Larvae of night-flying insects. 36-11.

**Bacterial Gummosis** and other wounds of the bark, scrape off dead wood and paint wound with a paint made by mixing 8 with water.

**Beetles**—The 12-spotted green Lady Bug is typical. Larvae feed on roots and tubers. Adults feed on bright colored flowers. 13-6.

**Blight**—Celery 21; Ornamentals, Garden and Greenhouse Plants 21; Peaches (Shot Hole Fungus) or Almonds 15-22-8 (Nov. 15 to Dec. 15); Potatoes and Tomatoes 6-8.

**Brown Patch**—Large and Small on Lawns. Use 27-35.

**Brown Rot**—Apricots and Cherries 8 (SD); Prunes and Plums 15-22-8 (SD).

**Cane Blight**—Blackberries, Loganberries, Raspberries 22-8 (D).

**Caterpillars**—Attack foliage of a wide variety of plants and trees. Tender foliage 5B. Hardy foliage 5S.

**Cherry Slug**—Cherries and Pears. Dark green worms secrete a slime and look like Slugs. Eat off the surface of leaves, leaving network of veins. 25-13-5B (F).

**Codling Moth**—(Worm of Apples, Pears, Quinces). Important to follow sequence of sprays. 5 (SD) (F).

**Curl Leaf**—Peaches and Nectarines. Curling and distorting of leaves. Trees often defoliated. Nothing can be done to cure it, but it can easily be prevented 8-15-22 (SD) 7-33 (F).

**Cut Worms**—Larvae of night-flying insects. 36-11.

**Damping-off Disease**—Of seedling plants. Treat soil and plants with 35-7-33.

**Earwigs**—Attack plants, flowers, vegetables in the garden, and anything in the house. 4-19-36-37-38.

**Fern Lice**—Weak solution of 26-(9 & 45)-18-17.

**Flea Beetle**—Tiny blue or green with metallic lustre. Eat away leaves. 13-25-6. Tomatoes 6.

**Grasshoppers**—Moisten and scatter 36-11-37-38.

**Ground Squirrel**—Gas with 14. Poison with 31.

**Lawn Moths**—Distribute 5 lbs. 5 to each 1000 sq. ft. and wash in thoroughly.

**Leaf Beetle**—On Strawberries. Dust with 13.

**Leaf Hopper**—On Grapes. Dust with 14-25.

**Leaf Miner**—Some call them tracing bugs, because they leave winding white areas on leaves as they feed on the leaf tissue of Cinerarias, Holly, Chrysanthemums, Nasturtiums. Use 20.

**Leaf Rollers and Leaf Tiers**—Caterpillars, common to Apples, Cherries, Roses, etc., which roll and tie and eat leaves. Dust 13. Spray 17-18-5B.

**Mealybugs**—Waxy scale likely to be found almost anywhere. They suck the sap from twigs and roots of plants and secrete a sticky honeydew that covers foliage and harbors Black Smut Fungus. Control Ants, vice versa. On Plants, spray, saturate soil around roots and dip roots of all suspicious transplants 20-28. Dig 43 into soil around infested plants. Mix Tobacco Dust in soil at planting time.

**Mealy Plum Louse**—Plums and Prunes. 9-45.

**Mildews**—Attack nearly all plants, covering leaves, succulent new growth and buds with a gray, powdery growth. On Apples, Pears, Currants, Grapes, Spray 41-15-22; Dust 40-42. On Garden and Greenhouse Plants and Ornamentals Dust 21-40-42; Spray 7-33-41. On Peaches, Beans and Peas, Dust 40-42. On Cucumbers, Spray 8. On Delphinium, Dust 21; Spray 7-33. On Roses Spray 8-15-22 (D); Dust 21-40-42; Spray 7-33 (F).

**Moles**—Open runway at intervals and put quantity of 14 or 29 in each hole. Close hole.

**Morning Glory**—Use 44, after sundown.

**Moss**—On Trees. Use 3 lbs. Caustic Soda in 100 gals. water, and spray thoroughly. (D).

**Oak Moth Caterpillar**—Make spray of 3 lbs. 5S in 100 gals. water, add 1 gal. black strap molasses as a bait. (Where sensitive or tender plants are under the Oaks, use 4 lbs. 5B instead.) Apply when Caterpillars are small, March and April for winter brood on Live Oaks. For summer brood spray last half July or first half August.

**Peach Borer**—Roots of Peaches, Apricots, Prunes and Cherries. Apply 29 as soon after Sept. 1 as possible. Clear off and smooth ground around tree. Place 1 oz. to each tree in a ring about 2 in. from the tree. Do not let it touch the tree. Cover with dry dirt banked up against trunk and tamp. Trees must be at least 6 years old.

**Peach Worm (Peach Twig Borer)**—Peaches, Plums, Nectarines, Apricots. Spray 5B (SD). Combine with Curl Leaf Spray.

**Pear Thrips**—On Prunes, Pears, Cherries. Dust 25.

**Pine Tree Borer**—Use 16.

**Red Berry**—Himalaya Blackberries (Blackberry Mite.) Spray 15-22 (D), 34-33-41 (F).

**Red Spider**—Almonds, Apricots, Cherries, Peaches, prunes, Plums. Spray 15-22 (D), 34 (F). Dust 40.

**Rot of Bulbs**—Corms, Roots, Tubers. Use 35.

**Rust**—Asparagus, Beans. Dust 40. Roses, Hollyhocks, etc. Spray 33-41.

**Scale**—On Deciduous trees. 23, (D); 28 (F). Evergreen trees and shrubs 28 (F).

**Slugs**—Cherries, Pears. See "Cherry Slug."

**Slugs, Snails**—Moisten and scatter 36-11-37-38.

**Sow Bugs**—Scatter 39 in dry places. 36-11-37-38.

**Squirrels**—Use 14-31.

**Termites**—Saturate soil with solution of 44. Treat holes leading to nests with 14-29.

**Thrips**—On Gladiolus. Treat Bulbs with 24. Spray foliage with formula including 30. Pears, Prunes, Cherries, see "Pear Thrips." Found in the flowers of most plants. When a flower is shaken over the hand, the Thrips fall out and look like animated straw slivers. They are responsible for misshapen and marred flower petals and browned tips. Dust 25-32.

**Weeds**—In areas where plant life is undesirable. Use 44. Dandelions and Broad-leaved Weeds in Lawns. Use 44 concentrated applied to each plant. Dilute Sulphate of Iron and apply.

**Weevil**—On vegetables. Dust with 19.

**White Fly**—Larvae. Spray with 20-28. Adults, Dust with 25-32. Under Glass, fumigate with 14G.

**Wireworms**—Long, slender, smooth larvae which turn into beetles in three years. Unplanted beds, treat with 14. Planted, with 29, mixed in top soil. Must not touch stems.

**Woolly Aphis**—On Roots. See "Aphis (Root or Woolly)." On branches and trunk of Apples and Pears. Spray with 20-26-(28 & 9).

SEED SOWING TABLE

NOTE: The abbreviations across represent the twelve months of the year. "A" and "P" indicate Annual and Perennial. "Germ." is the approximate maximum number of days required for the seed to germinate under favorable conditions. Table is based on March 15 as the date of the last killing frost in Spring.

J F M A MaJu Ji Au S O N D Germ.													J F M A MaJu Ji Au S O N D Germ.												
Abronia.....	x	x	x	x				x	x	x	x	15	Hunnemannia.....			x	x	x						8	
Abutilon.....			x	x	x							20	Hop Vine.....		x	x	x							15	
Achillea.....					x	x	x	x	x			15	Hyacinth Bean.....		x	x	x							15	
Agathe.....					x	x	x	x	x			20	Ipomea.....			x	x	x						12	
Ageratum.....		x	x	x	x							12	Kalanchoe.....		x	x								15	
Alyssum A.....	x	x	x	x	x	x	x	x	x	x	x	8	Kochia.....		x	x	x	x						10	
" P.....					x	x	x	x	x			10	Kudzu Vine.....					x	x	x	x	x		15	
Amaranthus.....		x	x	x	x							10	Larkspur.....	x	x	x	x				x	x	x	20	
Anchusa A.....	x	x	x					x	x	x	x	20	Lathryus.....					x	x	x	x	x		60	
" P.....					x	x	x	x	x			30	Lavatera.....			x	x	x						15	
Anemone.....			x	x	x	x	x					45	Lavender.....					x	x	x	x	x		30	
Arctotis.....	x	x	x	x	x				x	x	x	21	Layia.....	x	x	x	x	x			x	x	x	15	
Asparagus Fern.....	x	x	x	x	x				x	x	x	30	Lewisia.....	x	x	x	x	x			x	x	x	30	
Aster A.....		x	x	x	x	x						10	Linaria.....	x	x	x	x	x	x			x	x	7	
" P.....					x	x	x	x	x			10	Linum P.....	x	x	x	x	x			x	x	x	15	
Aubretia.....					x	x	x	x	x			10	" A.....		x	x	x	x	x					15	
Aust. Pea Vine.....					x	x	x	x	x			10	Lobelia.....	x	x	x	x	x				x	x	20	
Balsam.....			x	x	x	x	x					10	Lupinus A.....	x	x	x	x	x				x	x	10	
Bartonia.....	x	x	x	x	x				x	x	x	15	" P.....					x	x	x	x	x		10	
Begonia Tub.....	x	x	x	x	x						x	30	Marigold.....		x	x	x	x						10	
" Fib.....	x	x	x						x	x	x	30	Matthiola.....	x	x	x	x	x				x	x	10	
Browallia.....		x	x	x	x	x						10	Mesembryanthemum		x	x	x	x				x	x	10	
Cactus.....		x	x	x	x							20	Mignonette.....	x	x	x	x	x	x	x	x	x	x	10	
Calceolaria B.....					x	x						10	Mimosa.....		x	x	x	x						15	
" B.....									x	x	x	10	Mimulus.....	x	x	x						x	x	10	
" P.....									x	x	x	10	Morning Glory.....			x	x	x						12	
Calendula.....	x	x	x	x	x	x	x	x	x	x	x	10	Nasturtium.....			x	x	x	x					10	
Calliopsis.....		x	x	x	x	x						10	Nemesia.....		x	x	x	x	x			x	x	20	
Campanula B.....					x	x	x	x	x			15	Nemophila.....	x	x	x	x	x				x	x	15	
" A.....		x	x	x	x							15	Nigella.....	x	x	x	x	x				x	x	15	
Candytuft A.....	x	x	x	x	x	x	x	x	x	x	x	10	Pansy.....		x	x	x	x				x	x	10	
" P.....					x	x	x	x	x			10	Penstemon.....	x	x	x					x	x	15		
Canna.....		x	x	x	x	x						10	Petunia.....	x	x	x	x	x				x	x	10	
Carnation.....	x	x	x						x	x	x	15	Phacelia.....	x	x	x	x	x				x	x	15	
Castor Bean.....			x	x	x	x						15	Phlox.....	x	x	x	x	x				x	x	10	
Celosia.....		x	x	x	x							10	Physostegia.....					x	x	x	x	x		15	
Centaurea.....	x	x							x	x	x	10	Poppy A.....	x	x	x	x	x	x			x	x	10	
Cheiranthus.....	x	x	x						x	x	x	10	" Iceland.....	x	x	x						x	x	10	
Chrysanthemum A.....	x	x	x	x	x							10	" Oriental.....					x	x	x	x	x		15	
" P.....		x	x	x	x							20	Portulaca.....					x	x	x				10	
Cineraria.....	x	x	x			x	x	x	x	x		10	Primula P.....					x	x	x	x	x		15	
Clarkia.....	x	x	x			x	x			x	x	10	" P.....		x	x	x	x	x					15	
Cobea Scandens.....	x	x	x						x	x	x	20	" A.....	x	x						x	x	15		
Coleus.....			x	x	x							15	Primrose P.....					x	x	x	x	x		15	
Columbine.....					x	x	x	x	x			60	Pyrethrum, Aur.....	x	x	x						x	x	12	
Coreopsis.....	x	x	x						x	x	x	10	" , Ros.....	x	x	x	x	x				x	x	12	
Cosmos.....			x	x	x	x						10	Ranunculus.....			x	x	x	x	x	x			25	
Cynoglossum.....	x	x	x						x	x	x	15	Rehmannia.....					x	x	x	x	x		15	
Dahlia.....	x	x	x	x								20	Rudbeckia.....			x	x	x	x					10	
Daisy, Chiffon.....									x	x	x	20	Saintpaulia.....			x	x	x				x	x	15	
" Bellis.....	x	x	x						x	x	x	10	Salpiglossis.....			x	x	x	x					10	
" Shasta.....									x	x	x	20	Salvia, (HP).....					x	x	x	x	x		10	
Delphinium.....	x	x	x						x	x	x	20	" (HHP).....			x	x	x						10	
Dianthus P.....									x	x	x	10	Scabiosa A.....	x	x	x	x	x				x	x	15	
" A.....	x	x	x	x	x							10	" P.....	x	x	x	x	x				x	x	15	
Didiscus.....		x	x	x	x	x						15	Schizanthus.....		x	x	x	x	x				x	x	10
Dimorphotheca.....		x	x	x	x	x						15	Snapdragon.....	x	x	x	x					x	x	12	
Doronicum.....									x	x	x	30	Statice.....	x	x	x	x					x	x	15	
Eschscholtzia.....	x	x	x	x	x							10	Stocks.....		x	x	x	x				x	x	10	
Euphorbia.....		x	x	x	x							12	Sweet Peas, Ely.....									x	x	14	
Felicia.....	x	x	x	x	x							20	" " Late.....	x	x	x	x						x	14	
Forget-me-not.....									x	x	x	20	Stokesia.....								x	x	15		
Foxglove.....									x	x	x	15	Sunflower.....					x	x	x	x			10	
Gaillardia A.....												15	Sweet William.....					x	x	x	x	x		10	
" P.....	x	x	x									15	S. Wivelsfield.....	x	x	x	x	x				x	x	10	
Gerbera.....	x	x	x	x	x							21	Thalictrum.....					x	x	x	x	x		42	
Geum.....	x	x	x						x	x	x	45	Tigridia.....					x	x	x	x	x		30	
Gillia.....	x	x	x	x	x	x						15	Tithonia.....					x	x	x				10	
Gloxinia.....	x	x	x									15	Trollius.....	x	x	x						x	x	60	
Godetia.....	x	x	x	x	x	x						15	Ursinia.....		x	x	x	x						10	
Gourds.....												15	Venidium.....		x	x	x							10	
Gypsophila.....	x	x	x	x	x	x						10	Verbascum.....								x	x	10		
Helianthemum.....												15	Verbena.....		x	x	x	x				x	x	15	
Helichrysum.....		x	x	x	x							7	Viola.....	x	x	x					x	x	10		
Heliopsis.....												15	Virginian Stock A.....	x	x	x	x	x	x	x	x	x	x	7	
Heliotrope.....												15	Viscaria.....	x	x	x	x					x	x	10	
Heuchera.....												21	Wallflower P.....									x	x	10	
Hollyhock.....												20	" A.....	x	x	x						x	x	10	
Honesty.....												15	Zinnia.....											10	

## SEEDING

**Generally Speaking**, most of the garden annuals, biennials and perennials are very easily raised from seed. Certain essentials of course must be considered and we call them to your attention in the following paragraphs:

**The soil for all seeds** should be loose and porous, to allow the excess moisture to escape and the warmth to penetrate, but should be firmed directly over the seeds to induce an upward flow of moisture. It should not contain fertilizer of any sort, and must be free of injurious bacteria and soil pests. Saturate with boiling hot water the day before planting. See "Pest Control Chart" for "Damping-off". The usual compost soil for seedage consists of equal parts of light garden loam, imported peat moss and river sand.

**Always keep seed pan, box, etc.**, in a warm, sheltered place where the temperature is more or less uniform. Until seed germinates, conserve moisture by covering with paper and glass, muslin or burlap.

**Watch germination moisture carefully.** Too much is just as bad as too little.

**There is a great difference in the number of days required to germinate flower seeds.** Fortunately, most of them will usually be through in about 15 days, but some take months, and some years. Bear this in mind when you are tempted to discard a planted box or pot in disgust. See "Seed Sowing Table," Page 57.

**One of the most common mistakes** is sowing all kinds at the same time without regard to the season, thus causing a failure with some, while others grow freely. Another common mistake is to sow all of the seed contained in a packet at one time, better divide into several parts and sow at intervals. In many instances, the variation in germination will prove astonishing. See "Seed Sowing Table," Page 57.

**Seeds of tender plants** should be sown broadcast only when the ground has become thoroughly warm.

**Seeds of hardy plants** may be sown broadcast any time the ground is in good tillable condition and not wet.

**Cover the greater number** of kinds of seed about twice their thickness, but in many plants of a naturally short season of bloom or growth, examples of which are the garden pea and sweet pea, it is advisable to sow them deeper.

**In Sowing very minute seeds**, as Petunia, Begonia, Calceolaria, Snapdragons, etc., indoors, care should be taken to place them only under the surface of the soil—simply pressed down with a smooth surface and dusted with finely divided charcoal or screened soil, or silver sand. It is good practice to mix these very fine seeds with sand, or other inert material, to allow of more uniform distribution.

**If seeds are sown** in a Capillary Seed Germinator, a Seed Pan, or a Seed Box, the seedlings must be transplanted before they begin to crowd or become "drawn". This operation the Gardener calls "pricking out". This means taking the young plants out as soon as they are large enough to be handled—usually when the first "rough" leaves have developed—and replanting them in boxes or pots at least 1-inch apart.

**Transplant to the open ground** on a dull or cloudy day. Plants usually "take" quickly if transplanted in freshly spaded ground. Shade if necessary for a day or two, but do not cover closely.

## TREATMENT OF RUST-PROOF SNAPDRAGONS

(1) From one to two weeks before the seedlings of rust-proof strain are ready to be transplanted for the first time, wet them down thoroughly with a fine spray of water. Use an ordinary garden sprayer or atomizer.

(2) Immediately after wetting, take branches of heavily rusted plants and shake over wet seedlings. The diseased branches may even be rubbed gently over the tops of the young seedlings. Another good method is to allow leaves covered with rust to rest on the tops of the young seedling plants. Any of these methods will spread millions of disease spores on the seedlings.

(3) The seedlings should be sprayed with water at intervals for several days after inoculation. Twice a day—preferably once in the early morning and once in late afternoon. This is necessary, for without water the small disease spores will not germinate and enter the young leaves to infect the plant.

(4) Within a week to ten days, the 25% susceptible plants will break out with the disease. These can then be discarded.

## THE CULTURE OF VIOLAS AND PANSIES

They will thrive in almost any average garden loam without special treatment, but there is hardly a plant that will show a greater response to good culture.

**Seeding.** See above.

**Dibbling-off.** As soon as the seeds begin to sprout, remove the covering, except when the sun is shining, and gradually tilt the glass to admit air, finally removing it when the seedlings are well through the soil.

As soon as the third leaf forms, transplant the seedlings an inch apart in boxes filled with light soil. Water very carefully, giving only sufficient to keep the soil moist.

When the seedlings are rooted and growing nicely, transfer the boxes to an outdoor protected position to harden.

A position neither too much exposed to the mid-day sun nor over-shadowed by trees, should, if possible be selected. (In hot, dry positions the plants are short-lived and produce flowers of poor quality.)

**Preparation of the Soil.** Contrary to the generally accepted idea, the Pansy and Viola are deep-rooting subjects and need soil that is very deeply dug and well en-

riched and lightened with peat moss. Deep planting places the roots in a much cooler and more moist medium than if they are near the surface.

**Planting.** It isn't a bad idea to prepare a box of nicely-prepared compost made up of equal parts loam, coarse sand and peat moss. Dig a very large hole, and plant so the collar of the plant is just level with the surface of the soil. Use the compost around the roots of each plant as it is taken in hand, and if the soil of the garden be pressed firmly all around, and the surface finished off neatly, it is safe to anticipate that the plants will speedily take hold. **Do all transplanting only in cool or cloudy weather.**

As the plants come into flower interest in them will, of course, continue to increase, and, that they may be maintained in a thoroughly satisfactory condition, it will be necessary to remove all spent blossoms before they have an opportunity of developing into seed pods.

During the summer months, when the weather is hot and dry, hoe the surface of the soil, and then in the evening give a copious supply of water, followed immediately afterwards with weak liquid manure applied once a week. Apply it between and not over the blooms.

## SOIL AND FERTILIZER HELPS

**The Manufacturers of Ammo-Phos** supply the following:

The capacity of a 4-in. Flower Pot is 1 pint.

The capacity of a 6-in. Flower Pot is 1½ quarts.

The capacity of a 8-in. Flower Pot is 1 gallon.

**A standard 4-inch flower pot** will hold approximately 1 pound of the average fertilizer. A tablespoon will hold about an ounce.

**Better use half** the recommended amount and make two applications at intervals, than to overstimulate by using in excess of recommended amount of fertilizer.

**Always soak** the ground thoroughly after applying fertilizer. Plants can only use it in solution.

**Patches of green moss** indicate a sour but not always an acid soil. Soils become sour when they are impoverished and poorly drained. Cultivate and fertilize to overcome the condition. If a lawn, use "Lawn Spiker."

**When soil that is moist will crumble when compressed in the hand**, it is in good mechanical condition for planting. Such a soil is easily made by adding sand and imported peat to a heavy soil, until the correct texture is arrived at.

**Heavy Clay and Adobe Soils** expand when wet and shrink when dry. They are improved, made granular and friable by good drainage, a liberal supply of organic (Imported Peat) matter and Calcium Sulphate.

## FUNDAMENTALS OF ROSE CULTURE

The planting season for Roses follows the dropping of leaves after the first heavy frost—the time when field grown rose bushes are dug. Obviously the sooner planted, the less care required.

**Give the Roses the best location possible.** They want: well-drained soil; at least a half-day's full sunlight (morning sunlight is not especially desirable); shelter and protection from prevailing winds. (They should not be too close to large trees.)

**Prepare the Rose Beds** in advance if possible. Where the soil is good garden loam, which has been under cultivation for some time, and is well drained so there is no standing moisture, the preparation is easy. Dig to twice the depth of a spade—about 18 ins. deep. Mix a generous quantity of Groz-it and Bonemeal in the bottom half of the bed. Let it stand and settle.

**When the roses arrive,** try to plant them at once. If weather is bad, or ground soggy, they had better be partially buried in a shady, moist place in the garden. If the tops are shriveled, bury the plants completely in moist soil for several days until the wood becomes plump again.

**When ready to plant,** special care should be taken to handle the roses with least possible exposure of the roots, selecting a cloudy, cool day when there is no wind, and keeping the roots covered at all times. Better carry the roses to the garden in a bucket of water, and frequently “puddle” the roots in thin mud before planting.

**Examine each plant carefully,** and cut away smoothly, all broken or bruised roots. If canes are very long, shorten to about 12 inches, leaving no more than 3 canes pointing outward, with open center.

**Make a hole,** in the prepared ground, large enough to accommodate the roots without twisting, coiling, or bunching them. Try to put the roots into the ground in the same position they were before the plant was dug. That is, spread them out so that there are layers of soil between the various strands. Work the soil among the roots with the fingers, jiggling the plant up and down to settle it among them. The whole plant should be set deep enough that the “bud” or “knuckle” is just beneath the surface.

**As the earth is filled into the hole,** make it very firm by pressing it down with the fingers and fist. When the top roots are covered, it is advisable to step into the hole, and rock gently backward and forward, in order to make sure that every air-space is closed with soil. If the soil is dry, the hole should then be filled with water, which must be allowed to drain completely before putting in more soil.

**Mound the soil up high about the lower branches** to protect the canes from drying out. The mound should be leveled when the roses begin to make normal growth.

**The hoe and hand cultivator** are the best tools for the rose-garden. If the ground is kept thoroughly cultivated at least once a week, most rose troubles will be prevented or overcome. Thoroughly soak soil weekly and always remove spent blooms.

**The beginner must make up his mind** from the start to face Rose enemies boldly, and the sooner he learns that his garden is not immune to them, the better it will be for his roses. But he needn't become excited about it, for he can control diseases and insects with little difficulty if he starts in time and uses approved control methods.

## HOW TO GROW LONG-STEMMED SWEET PEAS

Sweet Peas are always more satisfactory where they will get morning and forenoon sun only.

**Experts are agreed** that thorough preparation of the soil must have primary consideration. The trench must be dug at least 2½ ft. wide and 2 ft. deep. It must be enriched and conditioned with a liberal dressing of manure (we recommend Groz-it because it is free of insect eggs and weed seeds). Calcium Sulphate (because it contains both lime and sulphur) and Bonemeal (because it is lasting in its action and alkaline in soil reaction). These should be thoroughly mixed with the soil and left to stand. Some Sweet Pea Experts spread a 4-inch potful of Sulphate of Potash on every 4 lineal yards of trench.

**Uneven germination** is due to varying degrees of hardness of seed coat. Cream, lavender and orange shades are likely to have hard coats, recognized by their bullet-like appearance.

**Inoculate the seed immediately before sowing,** with Nitro-bac, or Nitrigen. Inoculation is not a substitute for fertilizer. It is of additional benefit.

**The trench should be worked** and turned over a last time, firmed by treading (see that it is not too moist when this is done) and the inoculated seed sown thinly on the surface. Cover seed with about one inch of soil, tread again, as Sweet Peas like a firm soil.

**Excess moisture is responsible for 90% of Sweet Pea failures.** Seed sown in wet soil will rot. Either heavy drenching rains or soaking with the hose after planting and before the seed has sprouted, is likewise fatal. Don't water the newly planted sweet peas until they sprout.

**Thin the Plants** from 6 to 12 inches apart, the farther the better, when they reach about 3 inches in height. Pinch out the centers of remaining plants to encourage strong growth. (“Lates” only). Fill trench as they grow. Provide temporary support for vines.

**Provide a permanent support** to which the tendrils may cling when the plants are 6 inches high, placed to the lee of the plants so they will blow against it instead of away.

**Protect the growing plants** by dusting with Nicotine Dust when Green Plant Lice (Aphis) make an appearance. Guard against infestations of Slugs, Snails and Sow Bugs by scattering Navco Slug & Snail Destroyer. Watch the birds.

**Keep surface from crusting** by cultivation after rains or watering. Cracks allow moisture to escape.

**Watering** should be done thoroughly about once a week, after the Peas are up and well under way. When blooming time arrives and there is a great deal of vine, water at least twice a week. Do not sprinkle lightly each day. Sweet Peas like a moist atmosphere which may be created by soaking the soil around them, and drenching the vines.

**Feed the plants** regularly during the blooming season with liquid manure after each weekly or semi-weekly watering. This will strengthen them.

**Pick flowers daily** and don't allow any withered blooms to remain on the vines. Picking prolongs bloom.

**Bud Dropping** is caused sometimes by too much water, other times by overfeeding and frequently by cold nights following warm days. It frequently corrects itself, and is no cause for alarm.

## PLANT FOODS EXPLAINED

**Humus** is organic matter, either animal or vegetable or both. Organic fertilizers consist of Bonemeal, Tankage, Fish Meal, Guano, Manure, Cottonseed Meal, Castor Bean Meal, Cyanamide, Bloodmeal, etc. Humus is generally taken to mean decayed vegetable matter, such as Leaf Mold, Imported Peat Moss, Domestic Peat, etc.

**Nitrogen (Nit.)** stimulates stem and foliage growth, intensifies color of fruit and flower. Overdoses cause soft, watery top and bulb development, and increases susceptibility to injury from insects and disease. There-

fore do not apply Nitrogen Simplex excepting that immediate stimulation or top growth is desired.

**Phosphoric acid (PhosA)** hastens maturity, increases root development, aids in assimilation of other plant foods. Makes plants more resistant to disease. Excessive quantities, usually leave no bad effects.

**Potash** forms starch in plants, and is a necessary component of chlorophyll, on which the life of plants largely depends. Potash imparts vigor to plants and helps overcome ill effects of overdose of Nitrogen. Required for development of leaves and woody parts of stems. When deficient, stems are weak and brittle.

## HOW TO MAKE A LAWN

**Decide on the Season for Seeding**—Take your choice of the period from September to early November, or from February to May. Cooler Coastal districts may plant in Summer as well, if one does not mind the extra care required.

**Grade and Provide Drainage**—Good drainage is very important. A gentle slope away from the house is ideal. Establish a rough grade and contour. Remove all surface rubbish stones, etc., especially lime rubble inasmuch as Dandelion, Clovers and many weeds, thrive in alkaline soils. Remove the surface soil.

**Spade deeply**—Turn the sub-soil over, as deeply as possible, but not less than 6 inches. Level off. Then return the surface soil and spread it evenly.

**Encourage the Weed Seeds to Germinate**—As all soils contain seed of weeds, water frequently over a period of several weeks. Cultivate lightly to germinate them, then clean the ground.

**There should be Four Inches of good Top Soil**—If the top soil is not light to medium loam, make it so, by applying 1 bale of Imported Peat Moss to each 250 sq. ft. (10 by 25) of area. Do not work in deeper than 4 inches. If it is still quite heavy after adding the Peat, add some River Sand to it.

**Enrich the Top Soil**—Apply 100 lbs. of weed-free, disease-free Groz-it to an area of 400 sq. ft., and mix thoroughly with top soil only. Do not risk Barnyard Manures because of weeds and soil pests. Groz-it is recommended because it is a source of beneficial soil bacteria.

**Grub-proof the Seed Bed**—Dust over the surface, and cultivate in lightly, 1 lb. of Standard Arsenate of Lead to each 250 sq. ft. of area. Do this several days in advance of sowing. This will reduce likelihood of damage by Larvae of the Lawn Moth, Angle Worms, etc., and will discourage certain weeds.

**Put the Finishing Touches to the Seed Bed**—Rake out all small lumps and clods. Roll crosswise to make a firm seed bed with an even, level surface.

**Select Seed Suited to Your Conditions**—As the character of the lawn turf is determined chiefly by the varieties and proportions of grass included in the mixtures sown, it is important that some judgment be exercised in selecting the seed or seed mixture suited to the exposure, grade, type of soil, and to the use to which the turf is to be put.

**Study our list of Lawn Grass Seeds**—It will be noted that there are seeds suited to definite conditions, sun, shade, light soils, heavy soils, etc. It will also be noted that the higher priced seeds cover the greatest area to the pound.

**Soak the Seed Bed Thoroughly**—The seed bed should be thoroughly saturated, the day before planting.

**Choose a Calm Period for Seeding**—Mix the seed with several times its bulk of clean river sand, or screened soil. Divide into two parts, sow half lengthwise of the entire area, and the other half crosswise of the entire area. Rake the seed in lightly with a chopping motion, not a pulling motion, covering the seed slightly, about  $\frac{1}{8}$ -inch.

**Roll again after Seeding**—Tamp with a board, or roll, to press the seed into the soil. Cross roll, to make a good job.

**Supply a Top Mulch**—Apply a top dressing, about  $\frac{1}{4}$ -in. thick, consisting of two parts Imported Peat Moss and one part screen soil, prepared and moistened the day previous, to keep the peat from blowing.

**Don't let the Surface Dry Out**—Through a Ross No. 10, 11 or 20 Fan Sprinkler, direct the spray upward so it will fall gently, simulating rain. The frequency of waterings, until the seed germinates, will depend upon the weather. The more permanent lawn grasses take much longer to germinate than the short-lived grasses.

**Don't allow the Weeds to become Established**—The saddest mistake in lawn making is to hold to the belief that the first cutting will destroy the weeds. Weeds must be pulled daily as they appear, and by the time of the first cutting there should not be a weed in the area.

**The Mower must be Sharp**—Wait until grass is at least 4-in. high before mowing. Be certain the mower is freshly sharpened and the cutting blades set high. Use a grass catcher. (Raking will disturb the surface and pull out young plants). It is very important that the lawn be rolled after each of the first three or four cuttings.

## LAWN CARE

**Thoroughly Wash Borrowed Lawn Tools**—Quite a percentage of weeds are unwittingly introduced into weed-free lawns, on Lawn Tools. Thoroughly wash all borrowed lawn implements, mower, etc., and if you hire a Contract Gardener insist that he do likewise.

**Mowing**—Close mowing limits root development, and in turn the food and water supply of the plant. The longer growth of grass stays green longer during a period of drought, and less water is required in the summer months.

**Feeding**—After the third cutting apply about 4 lbs. of Gaviota Garden & Lawn Fertilizer to the 100 sq. ft. when grass is dry. Follow with thorough soaking to carry plant food down to roots. Alternate during the life of the Lawn between Ammo-Phos, Gaviota and Groz-it.

**Watering**—After a firm, thick lawn turf is established use a Whirling Shower. Leave on one spot until the ground is saturated. Don't water again until the lawn needs it. Daily sprinkling is harmful for it draws the roots to the surface.

**To Water Evenings or during the Day**—All large public and private lawn areas are watered during the usual daylight working hours, without injury. Evening and night watering has been found to encourage Brown Patch Disease in the fine-leaved turfs which include the Fescue and Bent grasses.

**Weeds in Established Lawns**—Weeds should never be allowed to take hold. They should be eliminated and the bare spots sowed with seed.

**Dandelions and Broad-leaved Weeds**—Sparse areas of Dandelion, Plantain, etc., may be killed by piercing the crown of the plant with a pointed instrument previously dipped in Concentrated Weed Destroyer. Large areas of these weeds are treated with a solution of  $1\frac{1}{2}$  lbs. Sulphate of Iron (See Fertilizers) in 1 gal. of water. Spray the weeds with it after sundown. Will sometimes control Chickweed and Clover. The grass tips will be darkened, but not injured. 1 gal. of the solution will cover about 350 sq. ft. Do not apply to fine-leaved lawns, Bents, etc.

## SOME PLANTS FROM SEED FOR SPECIAL USE

**For Cutting:** Alyssum Saxatile & Citrinum, Anemone, Anchusa, Arctotis, Asparagus Plumosis, Aster, Calendula, Calliopsis, Campanula Medium and Annual, Candytuft, Canna, Carnation, Chiffon Daisy, Chrysanthemum (Annual & Perennial), Clarkia, Columbine, Coreopsis, Cosmos, Dahlia, Delphinium, Didiscus, Doronicum, Eschscholtzia, Freesia, Gaillardia, Gerbera, Geum, Godetia, Gypsophila, Helichrysum, Heliotrope, Heuchera, Hunnemannia, Ixia, Larkspur (Annual), Lathyrus (Perennial Sweet Pea), Lupin, Marigold, Michaelmas Daisy, Mignonette, Nasturtium, Nigella, Pansy, Poppy (Iceland), Primrose, Primulas, Pyrethrum roseum, Ranunculus, Rudbeckia, Salpiglossis, Scabiosa, Schizanthus, Shasta Daisy, Snapdragon, Stocks, Sweet Pea, Sweet Sultan, Thalictrum, Viola, Viscaria, Zinnia.

**For Fragrance:** Abronia, Alyssum (Sweet), Candytuft, Carnation, Dianthus plumarius, Freesia, Heliotrope, Lavender, Matthiola bicornis, Mignonette, Nicotiana, Petunia, Primula, Scabiosa, Stock, Sweet Pea, Sweet Sultan, Sweet William, Wallflower.

**For Shade & Half Shade:** Alyssum maritimum, Anchusa italica, Aubretia, Balsam, Bellis perennis, Begonia, Campanula, Calceolaria, Centaurea, Chiffon Daisy, Cineraria, Clarkia, Columbine, Coral Bells, Forget-me-not, Foxglove, Geum, Godetia, Heuchera, Gloxinia, Linaria, Lobelia, Lupin, Mignonette, Mimulus, Nemophila, Pansy, Primula, Primrose, Salvia, Poppy (Oriental), Thalictrum, Sweet William, Wallflower.

**For Sunny spots, with moderate moisture supply:** Abronia, Achillea, Ageratum, Alyssum, Arctotis, Australian Pea Vine, Aubretia, Bartonina, Browallia, Cheiranthus, Cosmos, Cynoglossum, Dimorphotheca, Eschscholtzia, Felicia, Gerbera, Heuchera, Hollyhock, Hop Vine, Kudzu Vine, Gourds, Cactus, Castor Bean, Lavender, Linum, Helianthemum, Heliopsis, Heliotrope, Lupin, Mesembryanthemum, Morning Glory, Marguerite (blue), Penstemon, Petunia Portulaca, Scabiosa, Shasta Daisy, Rudbeckia, Statice, Sunflower, Tithonia, Tigridia, Verbena, Vinca, Viscaria, Zinnia.

**Trailing Plants for Hanging Baskets, Hanging Pots, Covering Slopes, and Window Box faces:** Begonia (Tuberous Lloydii), Chrysanthemum "Cascade", Asparagus Sprengerii, Trailing Coleus, Lobelia, Ivy Geranium, Balcony Petunia, Nasturtium, Kenilworth Ivy, Thunbergia.

**Low Growing Plants suited to Window Boxes:** Ageratum, Begonia, (Tuberous & Fibrous), Candytuft, Coleus, Celosia cristata, English Daisy, Chrysanthemum Mawii, Calceolaria, Cineraria, Blue Marguerite, Geranium, Heliotrope (Mme. Bruant), Lobelia, Nasturtium, Petunia, Phlox Drummondii (Dwarf), Aster (Mignon), Mignonette, Matthiola Bicornis (for fragrance), Dianthus plumarius, Dianthus splendens, Nemophila, Primula, Primrose, Mimulus, Verbena, Virginian Stocks, Viscaria (Dwarf), Pansy, Viola, Cupid Sweet Peas, Schizanthus.

**For Rock Gardens:** Abronia, Achillea, Alyssum, Aubretia, Convolvulus (Dwarf), Chrysanthemum Mawii, Bellis perennis, Campanula Carpatica, Columbine (Rocky Mountain), Cheiranthus, Blue Marguerite, Eschscholtzia (Dwarf Hybrids), Felicia Bergeriana, Forget-me-not, Cynoglossum, Dianthus, Dimorphotheca Hybrida, Helianthemum, Heuchera, Hunnemannia, Iberis, Kenilworth Ivy, Lewisia, Mesembryanthemum, Criniflorum, Lobelia (Trailing), Penstemon Blue Gem, Linum, Mimulus, Primula, Portulaca, Phlox Drummondii (Dwarf), Thunbergia, Verbena, Virginian Stocks, Viscaria (Tom Thumb), Cupid Sweet Pea, Nemophila, Nemesis, Linaria, Petunia, Calliopsis (Dwarf), Candytuft (Dwarf), Delphinium Chinensis.

**Plants for Edgings, Ground Covers, etc. 10-in. or less:** Abronia, Ageratum Blue Cap, Alyssum Carpet of Snow, Arctotis hybrida, Aubretia, Begonia Fibrous Dwarf, Calliopsis Dwarf, Campanula Carpatica, Candytuft Dwarf, Celosia cristata, Cheiranthus linifolium, English Border Daisy, Dianthus Caesius, Dianthus laciniatus, Dianthus "Splendens," Dianthus Rock Hybrids, Felicia Bergeriana, Forget-me-not, Isolde Krotz, Helianthemum mutabile, Lewisia Howelli, Marigold signata pumila, Mesembryanthemum criniflorum, Musk plant, Mimulus, Myosotis alpestris, Nemesis Blue Gem, Nemesis Triumph, Nemophila, Pansy, Petunia nana compacta, Phlox Drummondii Dwarf, Portulaca, Primula, Primrose, Verbena, Viola.

**Plants for General Garden Effects, 12 to 30 inches:** Achillea, Agathea coelestis, Alyssum, Amaranthus, Anchusa, Anemone, Arctotis, Aster Mignon, Balsam, Bartonina, Begonia Tuberous and Fibrous, Browallia, Calceolaria, Calendula, Candytuft, Carnation, Celosia, Cheiranthus allioni, Chrysanthemum annual and perennial; Cineraria, Clarkia, Coleus, Cosmos Klondyke, Cynoglossum, Chiffon Daisy, Shasta Daisy, Delphinium Sinensis, Dianthus plumarius, Didiscus, Dimorphotheca, Doronicum, Eschscholtzia, Euphorbia, Gaillardia, Gerbera, Gilia, Godetia, Gypsophila, Heliotrope, Heuchera, Kalanchoe, Lavender, Layia, Linaria, Linum, Marigold French, Marigold Carnation-flowered, Matthiola, Mignonette, Mimosa, Nasturtium, Nemesis Suttoni, Nigella, Penstemon Blue Gem, Petunia, Phlox Drummondii, Poppy, Pyrethrum aureum, Ranunculus, Rudbeckia, Salvia splendens and farinacea, Scabiosa Caucasica and Columbaria, Schizanthus, Statice, Stocks, Cuped Sweet Peas, Stokesia, Sweet William, Sweet Wivelsfield, Tigridia, Viscaria, Venidium, Wallflower.

**Plants for Backgrounds, etc. 36 inches or more:** Abutilon, Anchusa, Aster, Calliopsis, Campanula, Canna, Centaurea, Columbine, Coreopsis, Cosmos, Dahlia, Delphinium, Foxglove, Helichrysum, Heliopsis, Hollyhock, Honesty, Kochia, Larkspur, Lavatera, Lupin Polyphyllus, Marigold African, Marigold Australian Tree, Penstemon gloxinoides, Physostegia, Pyrethrum roseum, Rehmannia, Salpiglossis, Salvia azurea, Scabiosa annual, Snapdragon, Statice, Sweet Peas, Sunflower, Thalictrum, Tithonia, Trollius, Verbascum, Zinnia.

**Plants suited to Pot Culture:** Auricula, Begonia tuberous rooted and fibrous, Calceolaria, Celosia cristata, Celosia plumosus, Cineraria, Coleus, Dianthus, Gloxinia, Kalanchoe, Mimosa, Nasturtium, Petunia, Primula chinensis, Primula obconica, Primula malacoides, Blue Primrose, Polyanthus Primrose, Saintpaulia, Schizanthus, Viscaria.

## YOU SHOULD KNOW THAT—

Lime is not a fertilizer—it is a soil conditioner, and should not be applied excepting that the soil is definitely known by test (Use Soiltext Outfit) to be in need of it. Excesses of lime burn out organic matter in soil.

Certain families of plants are poisoned by lime—Andromedas, Azaleas, Embotriums, Kalmias, Leptospermums, Pernettyas, Rhododendrons. (Bonemeal is Alkaline).

Some plants will grow in a strongly alkaline soil—Genista hispanica (Spanish Broom), Cotoneaster horizontalis (Rock cotoneaster), Forsythia, Buddleia variabilis (Butterfly bush), Veronicas, Helianthemums (Sun rose), Iris unguicularis.

There are many plants which respond to moderate applications of lime. They are: Viburnum (Snowball); Deutzias; Philadelphus (Mock Orange); Syringa (Lilac); Ceanothus (Calif. Wild Lilac, excepting C. papillo-sus); Cotoneasters; Acers (Maples); Berberis (Barberry); Iris (all excepting California Natives, Kaempferi and laevigata); Hypericum (Gold Flower); Crataegus (Hawthornes); Spiraeas (in not too dry places); Buddleia (Butterfly Bush); Japanese Cherries; Delphinium, Campanulas, Michaelmas Daisies; Anchusa; Salvias; Herbaceous and tree Peonies; all of the Legumes (Sweet Peas, Beans, Clovers), etc.

HERE ARE SOME GOOD TIPS

To determine the number of units (plants, or roots, or trees) per acre. Multiply the width between the plants, by the width between the rows and divide the answer into 43,560. An acre is approximately 209 feet square.

In measuring-out Liquid Spray Materials, Gardeners are usually confused and perplexed to know how to make up small amounts at the strengths or dilutions recommended on the package. This table will solve the difficulty: (tsp—teaspoonful. tbsp—tablespoonful).

Dilution	%	1-Quart	1-Gallon	3 Gallons
1 to 1000	....	¼ -tsp.	1-tsp.	.....
1 to 800	....	½ -tsp.	1 ¼ -tsp.	½ -oz.
1 to 500	....	¾ -tsp.	2-tsp.	¾ -oz.
1 to 400	....	1-tsp.	3-tsp.	1-oz.
1 to 300	....	1-tsp.	1-tbsp.	1 ½ -ozs.
1 to 200	....	1 ¼ -tsp.	1 ¼ -tbsp.	2-ozs.
1 to 100	1	2 ½ -tsp.	2 ½ -tbsp.	3 ¾ -ozs.
1 to 50	2	1 ¼ -tbsp.	5-tbsp.	1-cup.
1 to 32	3	2-tbsp.	½ -cup	1 ½ -cup.
1 to 25	4	2 ½ -tbsp.	10-tbsp.	2-cups.
1 to 20	5	3 ¼ -tbsp.	12-tbsp.	1 ¼ -pts.
1 to 16	6	4-tbsp.	1-cup	1 ½ -pts.

Note: The amounts are not always exact, but are as close as can be given in round numbers.

Standards of Measure used in compilation of the table above, as used by most manufacturers on the basis of 4 tsp. to 1 tbsp. However some few use other ratios so Gardeners must ascertain which basis is given in the manufacturers recommendation before employing these tables.

4 teaspoonfuls equals 1 tablespoonful; 2 tablespoonfuls equals 1 fluid ounce (8-tsp); 4 tbsp. equals ¼ -cupful; 16 tbsp. equals 1 cupful; 16 fluid ounces equals 1 pint (32 tbsp); 2 cupfuls equals 1 pint; 4 cupfuls equals 1 quart (64 tbsp); 250 level teaspoonfuls accepted as equalling 1 quart instead of 256 to simplify computation.

PRUNING HINTS

All the different kinds of pruning there are to be done may be classed under the 3 following heads. Of course, two or three of these may be applied to the same plant, but they are distinct, nevertheless:

- 1. Pruning to increase general health and vigor.
- 2. Pruning to get a special form of growth.
- 3. Pruning to increase quantity or improve quality.

The first step in any kind of pruning should be to determine just what it is we want to accomplish.

Vigorous plants should be pruned less severely than weak growing plants.

The more vigorous parts of the plant should be pruned more severely than the weaker growths.

As a general rule, the earlier in the development of the plant or limb, or shoot, the pruning required can be done, the better.

In using pruning shears, four points are to be remembered: **First**—Always leave a clean, smooth cut. **Second**—Cut just the right distance above the bud. **Third**—Prune above an outside bud. **Fourth**—Cut close up to and parallel with the main branch, trunk or stem. (It is well to disinfect all pruning tools before using).

For the purpose of pruning, the ornamental shrubs should be considered in two general groups: **First**—Those which flower usually in the spring or early summer, from buds on the wood of the previous season's growth. This group should be pruned green directly after flowering. By dormant pruning, many of the flower buds would be sacrificed. Examples:

Azalea (Ghent, Mollis)	Philadelphus
Berberis (Barberry)	(Mock Orange)
Bignonia (Trumpet Vine)	Prunus (Flwrg. Almond)
C. oxyacantha	Rhododendron
(Hawthorne)	Roses (Clbg. varieties)
Deutzia	Spirea Thunbergii
Forsythia (Golden Bell)	S. Prunifolia
Hydrangea, Hortensis	(Bridal Wreath)
Jasminum	Spirea Van Houttei
Kudzu Vine	Viburnum (Snowball)
Honeysuckle	Weigelia
	Wistaria, etc.

**Second**—Those which flower, usually during late summer or in early autumn, from buds on the current year's growth. This group should be pruned dormant before growth begins in the spring. Examples: Calycanthus (Sweet Shrub); Clematis Jackmanii; Genista (Rock Broom); Honeysuckle; Hydrangea paniculata; Roses (Garden Bush Varieties); Spirea; Viburnum Tinus.

BUDDING AND GRAFTING HINTS

Budding is a form of graftage wherein a bud from one plant is inserted underneath the bark or stock of another.

It must be done when the bark of the stock is still loose, or will peel, which is in spring and summer.

Twigs are cut from the tree which it is desired to propagate, and the buds are cut off with a sharp knife—a shield shaped bit of bark (with possibly a little wood) being left with them.

Make a T-shaped incision in the stock, a little longer than the bud. Roll back the bark, then shove the bud into the slit until firmly placed against the inner wood. Tie with a soft strand, starting above the bud and working downward, making sure that the strand is directly above and below the bud to press the bark firmly against it.

In two or three weeks the bud will have "stuck" (that is, it will have grown fast to the stock), and the strand is cut to prevent its strangling and cutting into the swelling stock.

Ordinarily, the bud does not grow until the following spring, at which time the entire stock or branch in which the bud is inserted is cut off an inch above the bud, and the bud thereby receives all the energy of the stock.

**Grafting.** The success of the simple operation depends entirely on the growing together of the cambium of the cion (or cutting) and that of the stock. The Cambium is the new and growing tissue which lies underneath the bark and on the outside of the growing wood. Therefore, the line of demarcation between the bark and the wood must coincide when the cion and stock are joined.

The greater part of grafting is performed when the cion is nearly or quite dormant, that is, usually in winter and early in spring.

In grafting on small stocks, it is customary to employ the whip-graft. Both stock and cion of approximately the same diameter are cut across diagonally, and a split made in each, so that one fits into the other. The graft is tied securely with a band, and then if it is above ground, it is carefully waxed.

In larger limbs or stocks out of doors, the usual method is the cleft-graft. This consists in cutting off the stock from 6 inches to 2 feet from the main trunk, splitting it from the top for a short distance and inserting a slender wedge-shaped cion with three or four healthy dormant buds in one or both sides of the split, making certain that the wedge is just below the upper surface of the cut. Cover the tips of the cions and stump of stock with Snow's or M&P Grafting Wax (listed elsewhere). This must be done with some care to make certain air is excluded so the cion and stock will not dry out.

PLANTING TABLE FOR VEGETABLES

The planting table has as its basis climatic conditions as are found in Central California where frosts are light and the ground does not freeze. Persons residing in more severe climates must make allowances.

VARIETY	HOME GARDEN Amount for 100 ft. of Row	Time to Plant *Hot Bed	Depth of Plant *In furrow	When Mature or Ready to Eat	FOR FIELD CULTURE		
					Amount per Acre	Usual Distance Plants	Apart Rows
Artichoke Plants.....	Seed, 1/4 oz.	December to January	1 ft.*	6 to 8 mos.	700 plants	6 ft.	11 ft.
Artichoke.....	1 oz.	February or March	1/2 in.	15 mos.	6 oz.	6 ft.	11 ft.
Asparagus.....	60 to 75 roots	February to April	1/2 in.	3rd year	11 to 12 lbs. for root bed		
Asparagus Roots.....	2 lbs.	January to April	1 ft.*	2nd year	3000 plants	1 1/2 ft.	8 ft.
Beans, Bush.....	1 lb.	March to August	1 in. to 3 in.	45 to 60 days	50 to 60 lbs.	6 in.	2 ft.
Beans, Pole.....	2 oz.	March to July	1 in. to 3 in.	50 to 75 days	25 to 30 lbs.	1 ft.	3 ft.
Beet, Table.....	2 oz.	All Year Round	1/2 to 1 in.	60 to 90 days	4 to 6 lbs.		1 1/2 ft.
Beet, Stock and Sugar.....	2 oz.	March to May	1/2 to 1 in.	5 to 6 mos.	4 to 6 lbs.	1 ft.	2 ft.
Broccoli.....	1/4 oz.	July and August	1/4 to 1/2 in.	150 to 200 days	1/2 to 1 lb. sown in field (2 to 3 oz. if transplanted)	1 1/2 ft.	3 ft.
Brussels Sprouts.....	1/4 oz.	Jan. to Apr.—July to Oct.	1/4 to 1/2 in.	150 days	2 to 3 oz.	1 1/2 ft.	3 ft.
Cabbage, Spring.....	1/4 oz.	January to April	1/4 to 1/2 in.	105 days	{ 1/2 to 1 lb. sown in field { (2 to 3 oz. if transplanted)	1 1/2 ft.	3 ft.
Cabbage, Fall.....	1/4 oz.	July to October	1/4 to 1/2 in.	150 days	4 to 6 lbs.	2 ft.	3 ft.
Carrot.....	1 oz.	All Year Round	1/2 in.	60 to 90 days	3 oz.	1 1/2 ft.	1 1/2 ft.
Cauliflower, Spring.....	1/4 oz.	February and March	1/4 to 1/2 in.	100 to 130 days	{ 1/2 to 1 lb. sown in field { (2 to 3 oz. if transplanted)	1 1/2 ft.	3 ft.
Cauliflower, Fall.....	1/4 oz.	May to July	1/4 to 1/2 in.	100 to 130 days	3 oz.	1 1/2 ft.	3 ft.
Celery.....	1/4 oz.	February to June	1/8 to 1/4 in.	About 6 months	6 to 8 lbs.	6 in.	3 ft.
Chervil.....	1 oz.	February to May	1/2 in.	60 days	4 lbs.	1 1/2 in.	2 ft.
Chicory.....	1 oz.	February to May	1/2 in.	100 days	2 to 3 oz.	6 in.	3 ft.
Collards.....	1/4 oz.	All Year Round	1/2 in.	60 days	10 to 12 lbs.	2 ft.	1 1/2 ft.
Corn Salad.....	2 oz.	August to November	1/2 in.	60 days	15 lbs.	1 ft.	3 ft.
Corn.....	1 lb.	April to July	1 to 2 in.	60 to 80 days	1 to 3 lbs.	4 ft.	6 ft.
Cucumber.....	1/4 oz. for 10 hills	April and June	1 to 2 in.	100 to 120 days	3 to 4 lbs.	6 in.	1 1/2 ft.
Dandelion.....	1 oz.	May and June	1/4 to 1/2 in.	4 to 6 months	4000 plants	2 ft.	3 ft.
Egg Plant.....	1 oz.	February to April*	1/4 to 1/2 in.	4 to 5 months	3 to 4 lbs.	6 in.	1 1/2 ft.
Endive.....	1 oz.	June to October	1/2 to 1 in.	100 days	10,000 to 15,000 roots	1 1/2 ft.	3 ft.
Horse Radish.....	70 roots	Spring	4 in.	8 months	2 to 3 oz.	2 ft.	3 ft.
Kale.....	1/4 oz.	Jan. to Apr.—July to Oct.	1/2 in.	45 days	4 lbs.	6 in.	2 ft.
Kohl Rabi.....	1/4 oz.	Jan. to May—July to Oct.	1/2 in.	100 days	3 lbs.	6 in.	2 ft.
Leek.....	1/2 oz.	March and April	1/2 in.	4 to 6 months	1 1/2 lbs. to 2 1/2 lbs.	1 ft.	1 1/2 ft.
Lettuce.....	1/4 oz.	All Year Round	1/4 in.	75 to 100 days	1 to 3 lbs.	6 ft.	8 ft.
Melon, Musk.....	1/4 oz. for 10 hills	April 15 to June 1	1 to 2 in.	120 days	1 1/2 to 3 lbs.	8 ft.	12 ft.
Melon, Water.....	1/2 oz. for 8 hills	April and June	1 to 2 in.	120 to 140 days	2 to 3 lbs.	1 ft.	1 1/2 ft.
Mustard Greens.....	1/4 oz.	February to May	1/2 to 1 in.	60 days	8 lbs.	1 ft.	3 ft.
Okra.....	1 oz.	April 15 to June	1 in.	75 to 90 days	4 to 5 lbs.	8 in.	1 1/2 ft.
Onion.....	1/2 oz.	November to March	1/2 to 1 in.	6 months	4 to 5 lbs.		1 1/2 ft.
Parsley.....	1/4 oz.	All Year Round	1/2 to 1 in.	90 to 100 days	3 lbs.	1 1/2 ft.	2 to 3 ft.
Parsnip.....	1/4 oz.	February to September	1/2 to 1 in.	4 months	60 to 100 lbs.	1 1/2 ft.	3 ft.
Peas.....	1 lb.	All Year Round	2 in.	2 to 3 months	10,000 plants	1 ft.	3 ft.
Pepper.....	1 oz. for 1500 plants	February to March*	1/4 to 1/2 in.	130 to 150 days	5 to 10 sacks	1 1/2 ft.	3 ft.
Potatoes.....	5 lbs. for 100 hills	January to May	1 ft.*	3 to 5 months	10,000 plants	8 ft.	10 ft.
Potatoes, Sweet.....	50 plants	April to June	6 in.*	3 to 4 months	3 to 4 lbs.		1 ft.
Pumpkin.....	1 oz. for 10 hills	April to June	1 to 2 in.	100 to 125 days	10 lbs.	3 ft.	6 ft.
Radish.....	1 oz.	All Year Round	1/2 in.	30 to 45 days	5 lbs. for root bed	3 ft.	6 ft.
Rhubarb.....	1/4 oz. for 100 plants	January to May	1/2 in.	3rd year	2500 plants		1 1/2 ft.
Rhubarb Plants.....	33 plants	January to April	6 in.*	2nd year	8 lbs.	4 ft.	6 ft.
Salsify.....	1 oz.	February to September	1/2 to 1 in.	4 to 5 months	10 to 15 lbs.	1 ft.	2 ft.
Spinach.....	1 oz.	All Year Round	1/2 to 1 in.	40 to 45 days	2 lbs.	6 ft.	8 ft.
Squash, Summer.....	1 oz. for 10 hills	May and June	1 in.	60 days	2 to 4 lbs.	1 ft.	2 ft.
Squash, Winter.....	2 oz. for 10 hills	May and June	2 in.	Fall	10 to 12 lbs.	6 ft.	1 1/2 ft.
Swiss Chard.....	1 1/2 oz.	All Year Round	1/2 to 1 in.	40 to 50 days	2 oz.	8 in.	2 ft.
Tomato.....	1/8 oz. for 20 plants	January to March*	1/4 to 1/2 in.	150 days	2 to 4 lbs.		1 1/2 ft.
Turnip.....	1/2 oz.	August to April	1/4 to 1/2 in.	60 days	2 to 3 lbs. sown in field	8 in.	2 ft.
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